

$S_{10}(2) \pmod{2}$

	blocks	defect	matrix
$G :$	1	25	197×31
	2	0	$33554432_1 = \chi_{197}, \varphi_{32}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$155_1 = \chi_2$	1	1	.	1	1	.	.	.	.	.	.	.	.	.
$187_1 = \chi_3$	1	1	1	1	1	.	.	.	.	.	.	.	.	.
$341_1 = \chi_4$	3	3	.	1	1	1	.	.	.	.	.	.	.	.
$495_1 = \chi_5$	3	4	.	2	2	1	.	.	.	.	.	.	.	.
$527_1 = \chi_6$	3	4	1	2	2	1	.	.	.	.	.	.	.	.
$6138_1 = \chi_7$	6	5	2	3	2	2	1	1	3	.	.	1	.	.
$11594_1 = \chi_8$	8	7	2	6	3	2	1	1	4	.	1	1	1	.
$11594_2 = \chi_9$	10	9	3	5	4	3	2	1	3	1	.	1	.	1
$11935_1 = \chi_{10}$	11	10	2	7	4	3	1	1	4	.	1	1	1	.
$17050_1 = \chi_{11}$	12	11	3	8	5	3	2	1	4	1	1	1	1	1
$17391_1 = \chi_{12}$	15	14	3	9	6	4	2	1	4	1	1	1	1	1
$18445_1 = \chi_{13}$	13	14	5	7	7	4	2	.	4	1	.	2	1	1
$28985_1 = \chi_{14}$	23	21	5	15	9	6	3	2	8	1	2	2	2	1
$29512_1 = \chi_{15}$	24	23	5	15	9	8	2	3	9	1	2	3	2	.
$40392_1 = \chi_{16}$	24	23	7	15	9	8	5	3	9	2	2	3	2	1
$40579_1 = \chi_{17}$	29	25	4	17	10	10	3	4	10	.	3	2	3	.
$46035_1 = \chi_{18}$	33	29	5	19	12	11	4	4	10	1	3	2	3	1
$46376_1 = \chi_{19}$	24	24	7	14	11	7	3	2	6	2	1	2	1	1
$46376_2 = \chi_{20}$	20	22	8	10	11	7	3	1	6	2	.	4	1	1
$52173_1 = \chi_{21}$	39	34	7	22	14	13	5	5	13	1	3	3	3	1
$52360_1 = \chi_{22}$	38	33	7	21	13	14	4	6	14	1	3	4	3	.
$57288_1 = \chi_{23}$	40	34	6	23	13	13	5	5	14	1	4	3	4	1
$57970_1 = \chi_{24}$	44	39	7	26	16	14	5	5	14	1	4	3	4	1
$63240_1 = \chi_{25}$	38	33	9	21	13	14	7	6	14	2	3	4	3	1
$81158_1 = \chi_{26}$	32	33	10	17	16	12	4	2	10	2	1	5	2	1
$173910_1 = \chi_{27}$	46	43	12	24	21	18	6	4	16	2	2	6	4	1
$184450_1 = \chi_{28}$	66	59	11	39	24	21	9	8	17	2	5	3	4	2
$190960_1 = \chi_{29}$	58	62	20	31	29	24	7	5	19	4	2	11	3	1
$202895_1 = \chi_{30}$	79	73	16	46	31	25	11	8	21	3	5	5	5	3
$202895_2 = \chi_{31}$	71	63	13	39	28	26	8	8	22	2	5	5	6	1
$202895_3 = \chi_{32}$	71	63	13	39	28	26	8	8	22	2	5	5	6	1
$202895_4 = \chi_{33}$	73	74	21	42	33	27	8	7	23	4	4	10	4	1
$231880_1 = \chi_{34}$	64	62	16	34	30	25	7	5	19	3	3	7	5	1
$231880_2 = \chi_{35}$	76	72	16	44	29	26	10	9	20	3	5	6	4	2
$278256_1 = \chi_{36}$	70	70	22	35	33	30	9	7	24	4	2	12	4	1
$313038_1 = \chi_{37}$	112	107	25	65	45	38	14	12	30	5	7	9	6	3
$365211_1 = \chi_{38}$	123	119	33	66	54	47	15	13	40	6	6	16	8	2
$371008_1 = \chi_{39}$	126	116	25	72	51	42	16	12	34	5	8	8	9	4
$381920_1 = \chi_{40}$	124	118	29	69	53	46	14	12	37	5	8	12	9	2

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}
$1_1 = \chi_1$	.	.	.	.	.	.	.	.	.	.	.	.	.
$155_1 = \chi_2$	.	.	.	.	.	.	.	.	.	.	.	.	.
$187_1 = \chi_3$	.	.	.	.	.	.	.	.	.	.	.	.	.
$341_1 = \chi_4$	.	.	.	.	.	.	.	.	.	.	.	.	.
$495_1 = \chi_5$	.	.	.	.	.	.	.	.	.	.	.	.	.
$527_1 = \chi_6$	.	.	.	.	.	.	.	.	.	.	.	.	.
$6138_1 = \chi_7$	.	.	.	.	.	.	.	.	.	.	.	.	.
$11594_1 = \chi_8$	.	.	.	.	.	.	.	.	.	.	.	.	.
$11594_2 = \chi_9$	.	.	.	.	.	.	.	.	.	.	.	.	.
$11935_1 = \chi_{10}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$17050_1 = \chi_{11}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$17391_1 = \chi_{12}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$18445_1 = \chi_{13}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$28985_1 = \chi_{14}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$29512_1 = \chi_{15}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$40392_1 = \chi_{16}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$40579_1 = \chi_{17}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$46035_1 = \chi_{18}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$46376_1 = \chi_{19}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$46376_2 = \chi_{20}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$52173_1 = \chi_{21}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$52360_1 = \chi_{22}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$57288_1 = \chi_{23}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$57970_1 = \chi_{24}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$63240_1 = \chi_{25}$	1	1	.	.	.	.	.	.	.	.	.	.	.
$81158_1 = \chi_{26}$	.	.	.	1	.	1	.	.	.	.	.	.	.
$173910_1 = \chi_{27}$	.	.	.	1	.	2	.	1	.	.	.	.	.
$184450_1 = \chi_{28}$	1	1	.	.	1	.	.	.	1	.	.	.	.
$190960_1 = \chi_{29}$	1	.	1	3	.	2	.	.	.	.	.	.	.
$202895_1 = \chi_{30}$	1	1	.	.	1	.	.	.	1	.	.	.	.
$202895_2 = \chi_{31}$	.	1	.	.	1	2	.	1	.	.	.	.	.
$202895_3 = \chi_{32}$	.	1	.	.	1	2	.	1	.	.	.	.	.
$202895_4 = \chi_{33}$	1	.	1	2	1	2	.	.	.	.	.	.	.
$231880_1 = \chi_{34}$	.	.	.	1	1	3	.	1	.	.	.	.	.
$231880_2 = \chi_{35}$	2	1	1	1	1	.	.	.	1	.	.	.	.
$278256_1 = \chi_{36}$	1	.	1	3	.	3	.	1	.	.	.	.	.
$313038_1 = \chi_{37}$	2	1	1	1	2	1	.	.	1	.	.	.	.
$365211_1 = \chi_{38}$	1	1	1	3	1	3	.	1	.	.	.	.	.
$371008_1 = \chi_{39}$	1	1	.	.	2	2	.	1	1	.	.	.	.
$381920_1 = \chi_{40}$	1	1	1	2	2	4	.	1	.	.	.	.	.

(Block 1:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}
$1_1 = \chi_1$
$155_1 = \chi_2$
$187_1 = \chi_3$
$341_1 = \chi_4$
$495_1 = \chi_5$
$527_1 = \chi_6$
$6138_1 = \chi_7$
$11594_1 = \chi_8$
$11594_2 = \chi_9$
$11935_1 = \chi_{10}$
$17050_1 = \chi_{11}$
$17391_1 = \chi_{12}$
$18445_1 = \chi_{13}$
$28985_1 = \chi_{14}$
$29512_1 = \chi_{15}$
$40392_1 = \chi_{16}$
$40579_1 = \chi_{17}$
$46035_1 = \chi_{18}$
$46376_1 = \chi_{19}$
$46376_2 = \chi_{20}$
$52173_1 = \chi_{21}$
$52360_1 = \chi_{22}$
$57288_1 = \chi_{23}$
$57970_1 = \chi_{24}$
$63240_1 = \chi_{25}$
$81158_1 = \chi_{26}$
$173910_1 = \chi_{27}$
$184450_1 = \chi_{28}$
$190960_1 = \chi_{29}$
$202895_1 = \chi_{30}$
$202895_2 = \chi_{31}$
$202895_3 = \chi_{32}$
$202895_4 = \chi_{33}$
$231880_1 = \chi_{34}$
$231880_2 = \chi_{35}$
$278256_1 = \chi_{36}$
$313038_1 = \chi_{37}$
$365211_1 = \chi_{38}$
$371008_1 = \chi_{39}$
$381920_1 = \chi_{40}$

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}
405790 ₁ = χ_{41}	122	115	28	68	50	44	16	13	36	5	7	12	8	3
405790 ₂ = χ_{42}	118	113	31	69	48	37	19	12	31	8	7	9	6	6
405790 ₃ = χ_{43}	122	115	28	68	50	44	16	13	36	5	7	12	8	3
405790 ₄ = χ_{44}	140	135	35	77	61	53	16	14	45	6	8	17	10	2
405790 ₅ = χ_{45}	126	117	27	72	50	44	16	14	36	5	8	10	8	3
417384 ₁ = χ_{46}	120	112	24	68	48	44	14	13	33	4	8	9	8	2
434775 ₁ = χ_{47}	97	98	33	56	44	34	16	9	29	10	5	12	5	4
515592 ₁ = χ_{48}	164	153	37	88	69	64	19	18	53	6	10	18	13	2
556512 ₁ = χ_{49}	124	118	31	69	53	46	16	12	37	8	8	12	9	3
649264 ₁ = χ_{50}	158	156	46	91	67	56	24	17	45	12	9	17	8	5
736560 ₁ = χ_{51}	170	164	48	95	71	62	26	19	50	12	9	18	9	5
782595 ₁ = χ_{52}	243	231	57	134	102	91	29	26	73	10	14	25	16	4
782595 ₂ = χ_{53}	203	193	53	114	83	73	30	23	60	13	12	20	12	6
811580 ₁ = χ_{54}	188	182	53	102	82	73	26	20	58	13	10	22	12	4
869550 ₁ = χ_{55}	244	233	62	139	101	86	34	26	71	15	15	23	15	7
944384 ₁ = χ_{56}	272	256	68	144	115	108	34	31	91	13	15	34	20	3
973896 ₁ = χ_{57}	264	247	63	148	107	96	36	30	79	14	17	24	18	6
973896 ₂ = χ_{58}	236	217	53	124	99	90	31	25	79	9	13	26	21	5
1014475 ₁ = χ_{59}	267	255	69	148	113	98	37	28	79	16	15	27	17	7
1014475 ₂ = χ_{60}	267	255	69	148	113	98	37	28	79	16	15	27	17	7
1014475 ₃ = χ_{61}	251	224	49	136	98	91	34	29	80	8	16	21	22	6
1095633 ₁ = χ_{62}	283	257	59	153	114	103	38	31	90	10	17	26	24	7
1095633 ₂ = χ_{63}	283	257	59	153	114	103	38	31	90	10	17	26	24	7
1159400 ₁ = χ_{64}	274	246	56	145	110	103	37	31	88	9	16	25	24	6
1217370 ₁ = χ_{65}	330	297	65	182	129	116	45	37	101	11	21	26	27	9
1292544 ₁ = χ_{66}	318	302	80	170	137	122	42	33	107	16	17	40	26	6
1298528 ₁ = χ_{67}	314	290	71	167	131	118	42	34	98	12	17	31	25	7
1298528 ₂ = χ_{68}	336	300	65	183	131	120	46	38	103	11	21	26	28	9
1408671 ₁ = χ_{69}	367	342	85	197	154	137	48	39	117	15	20	39	29	8
1432200 ₁ = χ_{70}	336	311	79	184	137	122	48	37	105	17	20	32	26	9
1473120 ₁ = χ_{71}	314	290	73	167	131	118	44	34	98	15	17	31	25	8
1565190 ₁ = χ_{72}	414	381	91	222	171	156	53	45	133	15	24	42	34	8
1623160 ₁ = χ_{73}	440	400	91	239	176	161	58	49	138	15	27	40	36	10
1623160 ₂ = χ_{74}	440	400	91	239	176	161	58	49	138	15	27	40	36	10
1623160 ₃ = χ_{75}	460	433	110	255	191	168	61	49	137	23	27	44	31	11
1675520 ₁ = χ_{76}	336	320	88	184	139	128	46	39	99	19	19	34	20	7
1826055 ₁ = χ_{77}	465	436	112	254	194	172	63	50	146	23	27	48	35	11
1826055 ₂ = χ_{78}	447	416	105	245	183	163	63	49	137	22	26	43	33	12
1826055 ₃ = χ_{79}	465	436	112	254	194	172	63	50	146	23	27	48	35	11
1826055 ₄ = χ_{80}	447	416	105	245	183	163	63	49	137	22	26	43	33	12

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}
405790 ₁ = χ_{41}	2	1	1	2	1	2	.	1	1	.	.	.	.
405790 ₂ = χ_{42}	3	1	.	.	3	.	.	.	1	1	.	.	.
405790 ₃ = χ_{43}	2	1	1	2	1	2	.	1	1	.	.	.	.
405790 ₄ = χ_{44}	1	1	1	3	1	4	.	1	.	.	.	.	.
405790 ₅ = χ_{45}	2	1	1	1	2	2	.	1	1	.	.	.	.
417384 ₁ = χ_{46}	2	1	1	1	2	3	.	1	1	.	.	.	.
434775 ₁ = χ_{47}	2	.	1	2	3	2	1	.	.	1	.	.	.
515592 ₁ = χ_{48}	1	2	1	3	1	5	.	2	.	.	.	.	.
556512 ₁ = χ_{49}	1	1	1	2	3	4	1	1	.	1	.	.	.
649264 ₁ = χ_{50}	4	1	2	3	4	2	1	.	1	1	.	.	.
736560 ₁ = χ_{51}	4	1	2	3	4	3	1	1	1	1	.	.	.
782595 ₁ = χ_{52}	3	2	2	4	3	6	.	2	1	.	.	.	.
782595 ₂ = χ_{53}	4	2	2	3	4	3	1	1	1	1	.	.	.
811580 ₁ = χ_{54}	3	1	2	4	4	6	1	2	.	1	.	.	.
869550 ₁ = χ_{55}	4	2	2	3	5	4	1	1	1	1	.	.	.
944384 ₁ = χ_{56}	2	3	3	7	2	8	1	3	.	.	.	.	.
973896 ₁ = χ_{57}	4	3	2	3	5	5	1	2	1	1	.	.	.
973896 ₂ = χ_{58}	1	3	1	4	1	7	.	4	.	.	1	.	.
1014475 ₁ = χ_{59}	4	2	2	4	5	6	1	2	1	1	.	.	.
1014475 ₂ = χ_{60}	4	2	2	4	5	6	1	2	1	1	.	.	.
1014475 ₃ = χ_{61}	2	4	1	2	2	5	.	4	1	.	1	.	.
1095633 ₁ = χ_{62}	2	4	1	3	2	6	.	4	1	.	1	.	.
1095633 ₂ = χ_{63}	2	4	1	3	2	6	.	4	1	.	1	.	.
1159400 ₁ = χ_{64}	2	4	1	3	2	7	.	5	1	.	1	.	.
1217370 ₁ = χ_{65}	3	5	1	2	3	5	.	4	2	.	1	.	.
1292544 ₁ = χ_{66}	2	3	3	8	2	9	1	4	.	.	1	.	.
1298528 ₁ = χ_{67}	3	4	2	5	3	8	.	5	1	.	1	.	.
1298528 ₂ = χ_{68}	3	5	1	2	3	6	.	5	2	.	1	.	.
1408671 ₁ = χ_{69}	3	4	2	6	3	9	.	5	1	.	1	.	.
1432200 ₁ = χ_{70}	4	4	2	4	5	7	1	4	1	1	1	.	.
1473120 ₁ = χ_{71}	3	4	2	5	4	8	1	5	1	1	1	.	.
1565190 ₁ = χ_{72}	3	5	2	6	3	11	.	6	1	.	1	.	.
1623160 ₁ = χ_{73}	4	6	2	5	3	9	.	6	2	.	1	.	.
1623160 ₂ = χ_{74}	4	6	2	5	3	9	.	6	2	.	1	.	.
1623160 ₃ = χ_{75}	6	4	3	6	7	10	1	4	2	1	.	.	.
1675520 ₁ = χ_{76}	8	3	6	7	7	8	2	3	1	1	.	1	.
1826055 ₁ = χ_{77}	5	5	3	7	6	11	1	5	1	1	1	.	.
1826055 ₂ = χ_{78}	6	5	3	6	6	9	1	5	2	1	1	.	.
1826055 ₃ = χ_{79}	5	5	3	7	6	11	1	5	1	1	1	.	.
1826055 ₄ = χ_{80}	6	5	3	6	6	9	1	5	2	1	1	.	.

(Block 1:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}
405790 ₁ = χ_{41}
405790 ₂ = χ_{42}
405790 ₃ = χ_{43}
405790 ₄ = χ_{44}
405790 ₅ = χ_{45}
417384 ₁ = χ_{46}
434775 ₁ = χ_{47}
515592 ₁ = χ_{48}
556512 ₁ = χ_{49}
649264 ₁ = χ_{50}
736560 ₁ = χ_{51}
782595 ₁ = χ_{52}
782595 ₂ = χ_{53}
811580 ₁ = χ_{54}
869550 ₁ = χ_{55}
944384 ₁ = χ_{56}
973896 ₁ = χ_{57}
973896 ₂ = χ_{58}
1014475 ₁ = χ_{59}
1014475 ₂ = χ_{60}
1014475 ₃ = χ_{61}
1095633 ₁ = χ_{62}
1095633 ₂ = χ_{63}
1159400 ₁ = χ_{64}
1217370 ₁ = χ_{65}
1292544 ₁ = χ_{66}
1298528 ₁ = χ_{67}
1298528 ₂ = χ_{68}
1408671 ₁ = χ_{69}
1432200 ₁ = χ_{70}
1473120 ₁ = χ_{71}
1565190 ₁ = χ_{72}
1623160 ₁ = χ_{73}
1623160 ₂ = χ_{74}
1623160 ₃ = χ_{75}
1675520 ₁ = χ_{76}
1826055 ₁ = χ_{77}
1826055 ₂ = χ_{78}
1826055 ₃ = χ_{79}
1826055 ₄ = χ_{80}

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}
1826055 ₅ = χ_{81}	447	416	105	245	183	163	63	49	137	22	26	43	33	12
1855040 ₁ = χ_{82}	388	348	73	218	147	136	50	48	120	12	27	30	30	9
1855040 ₂ = χ_{83}	276	266	75	154	119	98	42	26	76	18	14	26	16	11
1947792 ₁ = χ_{84}	402	366	80	224	155	145	51	50	125	13	27	35	30	8
2023680 ₁ = χ_{85}	382	366	100	210	161	142	54	41	115	22	21	40	26	10
2028950 ₁ = χ_{86}	518	479	118	284	211	189	71	57	159	24	31	48	39	13
2028950 ₂ = χ_{87}	338	321	86	192	139	117	51	35	93	20	19	29	19	13
2028950 ₃ = χ_{88}	434	399	90	241	171	157	55	52	135	15	28	40	32	9
2213400 ₁ = χ_{89}	584	538	129	323	235	210	80	65	176	26	36	51	43	15
2347785 ₁ = χ_{90}	617	574	144	336	254	229	83	68	193	28	36	62	46	14
2347785 ₂ = χ_{91}	617	574	144	336	254	229	83	68	193	28	36	62	46	14
2434740 ₁ = χ_{92}	412	398	114	233	174	145	64	42	114	29	22	39	22	16
2434740 ₂ = χ_{93}	636	592	149	353	259	226	90	69	190	32	38	57	45	19
2782560 ₁ = χ_{94}	486	450	115	265	199	176	72	52	145	24	27	44	35	16
2921688 ₁ = χ_{95}	730	673	164	398	297	266	101	80	227	32	43	69	57	19
3055360 ₁ = χ_{96}	712	642	150	384	283	260	100	81	229	28	44	64	62	18
3142656 ₁ = χ_{97}	750	684	164	410	300	270	108	84	227	33	45	63	58	22
3246320 ₁ = χ_{98}	836	764	181	455	337	306	113	93	261	34	51	76	67	20
3246320 ₂ = χ_{99}	668	618	151	374	268	233	96	72	194	31	40	55	46	22
3246320 ₃ = χ_{100}	692	660	180	378	292	260	97	75	209	39	38	73	46	17
3286899 ₁ = χ_{101}	659	614	155	363	271	236	94	69	195	32	37	60	46	21
3286899 ₂ = χ_{102}	659	614	155	363	271	236	94	69	195	32	37	60	46	21
3339072 ₁ = χ_{103}	538	498	123	300	215	192	76	62	162	25	33	48	37	16
3478200 ₁ = χ_{104}	782	721	172	433	313	282	105	90	244	33	49	73	59	19
3652110 ₁ = χ_{105}	650	605	148	365	260	230	90	74	192	30	40	57	43	19
3652110 ₂ = χ_{106}	650	605	148	365	260	230	90	74	192	30	40	57	43	19
4057900 ₁ = χ_{107}	856	800	204	476	350	306	122	92	252	44	50	77	58	26
4382532 ₁ = χ_{108}	814	764	194	457	329	290	115	92	239	42	49	74	52	24
4452096 ₁ = χ_{109}	758	688	162	410	305	274	108	83	245	31	46	70	68	21
4637600 ₁ = χ_{110}	892	840	216	498	366	320	125	98	265	46	52	85	58	26
4869480 ₁ = χ_{111}	960	902	229	535	392	347	132	107	286	48	57	91	63	26
4869480 ₂ = χ_{112}	950	870	204	527	375	338	132	109	285	39	59	80	69	27
4869480 ₃ = χ_{113}	972	914	231	546	395	346	135	108	285	49	58	89	62	28
5008608 ₁ = χ_{114}	776	698	155	423	305	274	110	88	252	27	48	69	70	23
5079040 ₁ = χ_{115}	1094	1008	250	594	444	402	154	122	344	50	65	104	88	28
5478165 ₁ = χ_{116}	907	822	187	492	362	327	125	102	295	32	55	85	80	24
5478165 ₂ = χ_{117}	1097	1021	253	610	443	393	153	123	329	52	66	100	76	31
5478165 ₃ = χ_{118}	1097	1021	253	610	443	393	153	123	329	52	66	100	76	31
5902400 ₁ = χ_{119}	1044	982	251	586	425	370	148	114	304	53	61	95	66	33
5936128 ₁ = χ_{120}	824	740	168	452	320	286	124	94	262	31	50	70	71	29

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}
1826055 ₅ = χ_{81}	6	5	3	6	6	9	1	5	2	1	1	.	.
1855040 ₁ = χ_{82}	3	6	1	2	3	5	.	4	2	.	1	.	1
1855040 ₂ = χ_{83}	7	1	2	4	6	6	1	2	2	1	.	.	.
1947792 ₁ = χ_{84}	4	6	2	4	3	6	.	4	2	.	1	.	1
2023680 ₁ = χ_{85}	8	3	6	8	7	9	2	4	1	1	1	1	.
2028950 ₁ = χ_{86}	6	6	3	6	7	11	1	6	2	1	1	.	.
2028950 ₂ = χ_{87}	9	2	3	4	7	5	1	2	3	1	.	.	.
2028950 ₃ = χ_{88}	4	6	2	5	3	7	.	4	2	.	1	.	1
2213400 ₁ = χ_{89}	7	7	3	6	8	11	1	6	3	1	1	.	.
2347785 ₁ = χ_{90}	7	7	4	9	7	14	1	7	2	1	1	.	.
2347785 ₂ = χ_{91}	7	7	4	9	7	14	1	7	2	1	1	.	.
2434740 ₁ = χ_{92}	11	2	4	6	10	7	2	2	3	2	.	.	.
2434740 ₂ = χ_{93}	9	7	3	6	10	11	1	6	3	2	1	.	.
2782560 ₁ = χ_{94}	9	5	3	6	7	10	1	6	3	1	1	.	.
2921688 ₁ = χ_{95}	8	9	4	9	8	15	1	9	3	1	2	.	.
3055360 ₁ = χ_{96}	6	11	3	7	7	15	1	11	2	1	3	.	.
3142656 ₁ = χ_{97}	10	10	3	6	10	14	1	10	4	2	2	.	.
3246320 ₁ = χ_{98}	8	11	4	9	9	18	1	11	3	1	2	.	.
3246320 ₂ = χ_{99}	12	7	4	6	10	10	1	6	5	1	1	.	.
3246320 ₃ = χ_{100}	13	6	9	14	12	17	3	7	2	2	1	1	.
3286899 ₁ = χ_{101}	11	6	4	8	9	13	1	7	4	1	1	.	.
3286899 ₂ = χ_{102}	11	6	4	8	9	13	1	7	4	1	1	.	.
3339072 ₁ = χ_{103}	9	6	3	6	7	9	1	5	3	1	1	.	1
3478200 ₁ = χ_{104}	8	10	4	9	8	14	1	8	3	1	2	.	1
3652110 ₁ = χ_{105}	11	7	4	7	9	10	1	5	4	1	1	.	1
3652110 ₂ = χ_{106}	11	7	4	7	9	10	1	5	4	1	1	.	1
4057900 ₁ = χ_{107}	15	8	6	10	14	16	2	8	5	2	1	.	.
4382532 ₁ = χ_{108}	15	8	6	10	13	13	2	6	5	2	1	.	1
4452096 ₁ = χ_{109}	6	11	3	8	7	16	1	12	2	1	4	.	.
4637600 ₁ = χ_{110}	15	8	6	12	13	16	2	7	5	2	1	.	1
4869480 ₁ = χ_{111}	16	9	7	13	14	18	2	8	5	2	1	.	1
4869480 ₂ = χ_{112}	14	12	5	9	11	15	1	10	6	1	2	.	1
4869480 ₃ = χ_{113}	17	9	7	12	15	16	2	7	6	2	1	.	1
5008608 ₁ = χ_{114}	5	12	2	7	4	13	.	12	3	.	5	.	1
5079040 ₁ = χ_{115}	14	14	9	15	14	24	3	15	3	2	4	1	.
5478165 ₁ = χ_{116}	6	13	3	10	5	18	.	14	3	.	5	.	1
5478165 ₂ = χ_{117}	17	12	7	13	15	19	2	10	6	2	2	.	1
5478165 ₃ = χ_{118}	17	12	7	13	15	19	2	10	6	2	2	.	1
5902400 ₁ = χ_{119}	21	9	8	13	16	17	2	8	7	2	1	.	1
5936128 ₁ = χ_{120}	10	12	2	6	5	11	.	12	5	.	5	.	1

(Block 1:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}
1826055 ₅ = χ_{81}	.	.	.	.
1855040 ₁ = χ_{82}	.	.	.	.
1855040 ₂ = χ_{83}	1	.	.	.
1947792 ₁ = χ_{84}	.	.	.	.
2023680 ₁ = χ_{85}	.	.	.	.
2028950 ₁ = χ_{86}	.	.	.	.
2028950 ₂ = χ_{87}	1	.	.	.
2028950 ₃ = χ_{88}	.	.	.	.
2213400 ₁ = χ_{89}	.	.	.	.
2347785 ₁ = χ_{90}	.	.	.	.
2347785 ₂ = χ_{91}	.	.	.	.
2434740 ₁ = χ_{92}	1	.	.	.
2434740 ₂ = χ_{93}	.	.	.	.
2782560 ₁ = χ_{94}	1	.	.	.
2921688 ₁ = χ_{95}	.	.	.	.
3055360 ₁ = χ_{96}	.	.	.	.
3142656 ₁ = χ_{97}	.	.	.	.
3246320 ₁ = χ_{98}	.	.	.	.
3246320 ₂ = χ_{99}	1	.	.	.
3246320 ₃ = χ_{100}	.	.	.	.
3286899 ₁ = χ_{101}	1	.	.	.
3286899 ₂ = χ_{102}	1	.	.	.
3339072 ₁ = χ_{103}	1	.	.	.
3478200 ₁ = χ_{104}	.	.	.	.
3652110 ₁ = χ_{105}	1	.	.	.
3652110 ₂ = χ_{106}	1	.	.	.
4057900 ₁ = χ_{107}	1	.	.	.
4382532 ₁ = χ_{108}	1	.	.	.
4452096 ₁ = χ_{109}	.	1	.	.
4637600 ₁ = χ_{110}	1	.	.	.
4869480 ₁ = χ_{111}	1	.	.	.
4869480 ₂ = χ_{112}	1	.	.	.
4869480 ₃ = χ_{113}	1	.	.	.
5008608 ₁ = χ_{114}	.	1	.	.
5079040 ₁ = χ_{115}	.	.	.	.
5478165 ₁ = χ_{116}	.	1	.	.
5478165 ₂ = χ_{117}	1	.	.	.
5478165 ₃ = χ_{118}	1	.	.	.
5902400 ₁ = χ_{119}	2	.	.	.
5936128 ₁ = χ_{120}	1	1	.	.

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}
5936128 ₂ = χ_{121}	1000	910	212	552	396	352	144	112	315	42	63	87	84	31
5936128 ₃ = χ_{122}	814	748	182	450	324	290	118	92	235	37	49	63	58	26
6127616 ₁ = χ_{123}	1094	1008	250	594	444	402	154	122	344	50	65	104	88	28
6260760 ₁ = χ_{124}	816	787	220	461	339	294	121	89	222	53	46	73	43	27
6260760 ₂ = χ_{125}	1110	1015	240	606	445	400	155	125	355	45	67	105	92	30
6492640 ₁ = χ_{126}	926	848	205	505	373	330	136	102	294	40	54	87	77	30
6492640 ₂ = χ_{127}	906	848	212	516	360	316	129	104	257	47	57	73	56	29
6573798 ₁ = χ_{128}	1000	951	256	560	416	358	145	107	286	59	57	91	62	32
6956400 ₁ = χ_{129}	1276	1162	271	695	511	460	177	143	410	50	78	119	109	34
7332864 ₁ = χ_{130}	998	950	250	562	408	358	142	112	282	55	58	90	58	31
8115800 ₁ = χ_{131}	1628	1520	380	909	660	580	228	179	480	79	97	146	109	48
8115800 ₂ = χ_{132}	1138	1075	282	639	461	408	165	130	329	63	68	102	71	35
8115800 ₃ = χ_{133}	1238	1186	330	694	516	447	184	134	352	80	70	116	73	40
8115800 ₄ = χ_{134}	1466	1328	299	797	581	531	198	169	474	50	91	136	126	36
8729600 ₁ = χ_{135}	1064	974	230	592	420	372	154	120	323	46	67	87	84	35
8765064 ₁ = χ_{136}	1434	1308	302	791	568	510	200	163	447	56	89	126	115	41
9130275 ₁ = χ_{137}	1637	1505	364	896	662	589	231	180	511	71	97	152	130	47
9130275 ₂ = χ_{138}	1405	1330	351	787	574	506	202	158	408	79	83	129	88	42
9130275 ₃ = χ_{139}	1637	1505	364	896	662	589	231	180	511	71	97	152	130	47
9130275 ₄ = χ_{140}	1405	1330	351	787	574	506	202	158	408	79	83	129	88	42
9738960 ₁ = χ_{141}	1664	1514	350	912	659	595	233	190	522	64	102	148	135	47
9738960 ₂ = χ_{142}	1374	1314	357	774	567	495	200	152	390	83	79	128	79	43
9860697 ₁ = χ_{143}	1721	1586	381	949	691	617	240	194	534	74	104	159	132	48
10388224 ₁ = χ_{144}	1710	1592	400	946	691	618	242	193	511	83	102	154	120	49
10956330 ₁ = χ_{145}	2004	1843	440	1102	805	720	278	225	624	84	121	185	156	55
10956330 ₂ = χ_{146}	1670	1577	416	937	680	596	245	186	478	95	98	148	103	54
11269368 ₁ = χ_{147}	1750	1641	422	976	711	626	253	194	508	92	103	154	115	55
11738925 ₁ = χ_{148}	2175	1993	474	1190	874	785	302	244	684	89	131	202	174	59
11738925 ₂ = χ_{149}	1913	1808	473	1071	782	687	274	212	551	105	112	173	119	58
11738925 ₃ = χ_{150}	2175	1993	474	1190	874	785	302	244	684	89	131	202	174	59
11738925 ₄ = χ_{151}	1913	1808	473	1071	782	687	274	212	551	105	112	173	119	58
11784960 ₁ = χ_{152}	1756	1638	412	972	713	632	250	195	527	86	104	160	126	52
12521520 ₁ = χ_{153}	2084	1958	507	1159	851	752	298	231	611	110	122	190	137	62
12985280 ₁ = χ_{154}	2426	2230	528	1332	973	878	330	276	760	98	148	227	189	62
13147596 ₁ = χ_{155}	2380	2200	536	1312	962	853	334	263	729	106	141	219	178	69
13147596 ₂ = χ_{156}	2380	2200	536	1312	962	853	334	263	729	106	141	219	178	69
14501025 ₁ = χ_{157}	2611	2414	586	1439	1055	939	363	292	808	114	156	245	197	73
14501025 ₂ = χ_{158}	2417	2238	553	1333	975	871	342	270	732	113	145	217	179	69
14501025 ₃ = χ_{159}	2611	2414	586	1439	1055	939	363	292	808	114	156	245	197	73
14501025 ₄ = χ_{160}	2417	2238	553	1333	975	871	342	270	732	113	145	217	179	69

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}
5936128 ₂ = χ_{121}	10	14	3	8	10	17	1	13	4	2	5	.	1
5936128 ₃ = χ_{122}	16	10	5	6	15	14	1	10	5	3	2	.	.
6127616 ₁ = χ_{123}	14	14	9	15	14	24	3	15	3	2	4	1	.
6260760 ₁ = χ_{124}	24	5	11	12	22	15	4	5	5	5	.	1	.
6260760 ₂ = χ_{125}	10	15	5	13	9	21	1	15	4	1	5	.	1
6492640 ₁ = χ_{126}	11	12	4	11	8	17	1	13	4	1	5	.	1
6492640 ₂ = χ_{127}	19	9	6	7	18	12	2	6	6	4	1	.	1
6573798 ₁ = χ_{128}	21	8	8	12	22	19	3	8	5	5	1	.	.
6956400 ₁ = χ_{129}	10	18	5	14	10	25	1	18	4	1	6	.	1
7332864 ₁ = χ_{130}	24	8	11	14	20	17	3	7	6	4	1	1	1
8115800 ₁ = χ_{131}	28	16	11	19	24	28	3	14	10	3	2	.	1
8115800 ₂ = χ_{132}	26	11	12	15	23	19	4	9	6	5	2	1	1
8115800 ₃ = χ_{133}	30	9	14	18	30	24	6	9	6	7	1	1	.
8115800 ₄ = χ_{134}	10	22	5	16	8	28	.	21	5	.	7	.	2
8729600 ₁ = χ_{135}	16	14	5	8	15	17	1	13	5	3	5	.	1
8765064 ₁ = χ_{136}	16	19	6	14	13	25	1	18	7	1	6	.	2
9130275 ₁ = χ_{137}	19	20	8	19	17	32	2	21	7	2	6	.	1
9130275 ₂ = χ_{138}	30	13	14	19	28	25	5	11	7	6	2	1	1
9130275 ₃ = χ_{139}	19	20	8	19	17	32	2	21	7	2	6	.	1
9130275 ₄ = χ_{140}	30	13	14	19	28	25	5	11	7	6	2	1	1
9738960 ₁ = χ_{141}	18	23	7	17	14	29	1	22	8	1	7	.	2
9738960 ₂ = χ_{142}	34	10	16	21	30	25	6	9	8	6	1	1	1
9860697 ₁ = χ_{143}	21	21	9	20	18	31	2	20	8	2	6	.	2
10388224 ₁ = χ_{144}	30	19	14	21	27	32	4	18	8	5	4	1	1
10956330 ₁ = χ_{145}	23	25	10	23	20	37	2	24	9	2	7	.	2
10956330 ₂ = χ_{146}	38	15	16	21	34	28	6	13	10	7	2	1	1
11269368 ₁ = χ_{147}	36	17	15	21	32	31	5	16	10	6	3	1	1
11738925 ₁ = χ_{148}	23	28	10	25	20	42	2	28	9	2	8	.	2
11738925 ₂ = χ_{149}	41	17	18	25	37	34	6	15	11	7	2	1	1
11738925 ₃ = χ_{150}	23	28	10	25	20	42	2	28	9	2	8	.	2
11738925 ₄ = χ_{151}	41	17	18	25	37	34	6	15	11	7	2	1	1
11784960 ₁ = χ_{152}	30	19	14	22	27	33	4	19	8	5	5	1	1
12521520 ₁ = χ_{153}	41	20	18	27	37	39	6	19	11	7	3	1	1
12985280 ₁ = χ_{154}	26	31	12	29	22	46	2	29	10	2	8	.	3
13147596 ₁ = χ_{155}	32	27	13	28	27	44	3	27	12	3	7	.	2
13147596 ₂ = χ_{156}	32	27	13	28	27	44	3	27	12	3	7	.	2
14501025 ₁ = χ_{157}	33	31	14	32	27	48	3	29	12	3	8	.	3
14501025 ₂ = χ_{158}	37	28	17	28	35	46	5	28	11	6	7	1	1
14501025 ₃ = χ_{159}	33	31	14	32	27	48	3	29	12	3	8	.	3
14501025 ₄ = χ_{160}	37	28	17	28	35	46	5	28	11	6	7	1	1

(Block 1:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}
$5936128_2 = \chi_{121}$	.	1	.	.
$5936128_3 = \chi_{122}$	1	.	1	.
$6127616_1 = \chi_{123}$	.	1	.	.
$6260760_1 = \chi_{124}$	1	.	1	.
$6260760_2 = \chi_{125}$	.	1	.	.
$6492640_1 = \chi_{126}$	1	1	.	.
$6492640_2 = \chi_{127}$	1	.	1	.
$6573798_1 = \chi_{128}$	1	.	1	.
$6956400_1 = \chi_{129}$	.	1	.	.
$7332864_1 = \chi_{130}$	1	.	1	.
$8115800_1 = \chi_{131}$	2	.	.	.
$8115800_2 = \chi_{132}$	1	.	1	.
$8115800_3 = \chi_{133}$	1	.	1	.
$8115800_4 = \chi_{134}$	.	1	.	.
$8729600_1 = \chi_{135}$	1	1	1	.
$8765064_1 = \chi_{136}$	1	1	.	.
$9130275_1 = \chi_{137}$	1	1	.	.
$9130275_2 = \chi_{138}$	1	.	1	.
$9130275_3 = \chi_{139}$	1	1	.	.
$9130275_4 = \chi_{140}$	1	.	1	.
$9738960_1 = \chi_{141}$	1	1	.	.
$9738960_2 = \chi_{142}$	2	.	1	.
$9860697_1 = \chi_{143}$	1	1	.	.
$10388224_1 = \chi_{144}$	1	.	1	.
$10956330_1 = \chi_{145}$	1	1	.	.
$10956330_2 = \chi_{146}$	2	.	1	.
$11269368_1 = \chi_{147}$	2	.	1	.
$11738925_1 = \chi_{148}$	1	1	.	.
$11738925_2 = \chi_{149}$	2	.	1	.
$11738925_3 = \chi_{150}$	1	1	.	.
$11738925_4 = \chi_{151}$	2	.	1	.
$11784960_1 = \chi_{152}$	1	1	1	.
$12521520_1 = \chi_{153}$	2	.	1	.
$12985280_1 = \chi_{154}$	1	1	.	.
$13147596_1 = \chi_{155}$	2	1	.	.
$13147596_2 = \chi_{156}$	2	1	.	.
$14501025_1 = \chi_{157}$	2	1	.	.
$14501025_2 = \chi_{158}$	1	1	1	.
$14501025_3 = \chi_{159}$	2	1	.	.
$14501025_4 = \chi_{160}$	1	1	1	.

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}
14608440 ₁ = χ_{161}	2654	2448	588	1467	1065	950	368	299	816	114	161	242	199	74
14608440 ₂ = χ_{162}	2654	2448	588	1467	1065	950	368	299	816	114	161	242	199	74
14608440 ₃ = χ_{163}	2130	1983	498	1184	859	760	307	239	636	105	127	190	150	66
14840320 ₁ = χ_{164}	1294	1226	322	738	520	454	190	148	366	76	80	110	76	42
16220160 ₁ = χ_{165}	1670	1548	384	938	664	586	244	190	496	85	105	140	118	53
16231600 ₁ = χ_{166}	2524	2356	597	1399	1025	906	362	281	760	126	149	233	179	76
16434495 ₁ = χ_{167}	2767	2556	625	1525	1113	996	390	312	848	125	167	251	209	78
16434495 ₂ = χ_{168}	2577	2399	603	1429	1042	923	370	288	773	127	153	233	183	78
16434495 ₃ = χ_{169}	2577	2399	603	1429	1042	923	370	288	773	127	153	233	183	78
16434495 ₄ = χ_{170}	2767	2556	625	1525	1113	996	390	312	848	125	167	251	209	78
17268736 ₁ = χ_{171}	1670	1548	384	938	664	586	244	190	496	85	105	140	118	53
17530128 ₁ = χ_{172}	2860	2656	662	1582	1156	1026	408	319	863	137	170	259	207	85
18260550 ₁ = χ_{173}	3042	2835	715	1683	1236	1095	433	338	919	150	180	281	218	89
18260550 ₂ = χ_{174}	3042	2835	715	1683	1236	1095	433	338	919	150	180	281	218	89
18887680 ₁ = χ_{175}	3470	3212	779	1918	1398	1248	478	390	1064	151	209	322	255	95
21130065 ₁ = χ_{176}	3471	3227	803	1925	1402	1243	493	388	1042	166	207	313	247	103
21130065 ₂ = χ_{177}	3471	3227	803	1925	1402	1243	493	388	1042	166	207	313	247	103
21912660 ₁ = χ_{178}	3674	3420	856	2039	1485	1316	523	411	1102	179	219	333	259	109
22347776 ₁ = χ_{179}	2764	2556	634	1532	1108	988	398	312	840	135	170	244	206	81
22410675 ₁ = χ_{180}	3501	3263	820	1945	1415	1257	497	395	1051	173	211	317	247	102
22410675 ₂ = χ_{181}	3665	3411	851	2033	1483	1311	521	407	1099	175	217	333	259	110
22410675 ₃ = χ_{182}	2793	2587	642	1553	1119	995	403	315	835	138	171	241	201	84
23477850 ₁ = χ_{183}	4088	3801	947	2261	1656	1472	576	456	1235	194	243	375	293	117
23477850 ₂ = χ_{184}	4088	3801	947	2261	1656	1472	576	456	1235	194	243	375	293	117
23856525 ₁ = χ_{185}	3015	2789	686	1679	1205	1069	434	341	913	146	187	263	223	91
23856525 ₂ = χ_{186}	3815	3553	891	2119	1541	1365	548	425	1133	188	227	339	267	116
23856525 ₃ = χ_{187}	3911	3649	917	2167	1589	1409	548	437	1177	188	231	363	273	112
25970560 ₁ = χ_{188}	4468	4162	1036	2480	1808	1606	626	500	1344	212	267	410	314	127
25970560 ₂ = χ_{189}	4266	3968	990	2370	1722	1528	604	478	1278	207	257	382	302	125
26295192 ₁ = χ_{190}	4104	3836	974	2288	1664	1464	590	456	1211	210	244	365	280	127
26712576 ₁ = χ_{191}	3108	2884	716	1740	1240	1096	452	352	916	155	192	260	218	99
29002050 ₁ = χ_{192}	4540	4233	1067	2528	1832	1620	650	509	1351	225	271	408	312	138
29002050 ₂ = χ_{193}	3576	3345	848	2000	1444	1274	515	401	1051	186	217	312	244	110
29216880 ₁ = χ_{194}	3412	3192	818	1904	1378	1216	499	383	1006	180	204	302	232	108
29680640 ₁ = χ_{195}	3762	3506	884	2094	1516	1346	540	424	1122	190	228	334	264	112
32868990 ₁ = χ_{196}	4268	3971	994	2380	1712	1518	615	483	1265	212	259	372	296	131
37564560 ₁ = χ_{198}	4756	4448	1132	2656	1922	1696	686	533	1398	247	286	418	322	147

(Block 1:)	φ_{15}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	φ_{25}	φ_{26}	φ_{27}
14608440 ₁ = χ_{161}	34	32	14	30	29	47	3	29	13	3	8	.	3
14608440 ₂ = χ_{162}	34	32	14	30	29	47	3	29	13	3	8	.	3
14608440 ₃ = χ_{163}	38	23	16	25	33	37	5	22	11	6	6	1	2
14840320 ₁ = χ_{164}	30	12	14	15	30	17	6	7	8	8	1	2	1
16220160 ₁ = χ_{165}	28	20	11	15	30	24	5	15	9	8	4	1	1
16231600 ₁ = χ_{166}	43	27	19	32	38	46	6	26	12	7	7	1	2
16434495 ₁ = χ_{167}	39	34	18	32	36	51	5	32	12	6	9	1	2
16434495 ₂ = χ_{168}	44	28	19	31	39	46	6	27	13	7	7	1	2
16434495 ₃ = χ_{169}	44	28	19	31	39	46	6	27	13	7	7	1	2
16434495 ₄ = χ_{170}	39	34	18	32	36	51	5	32	12	6	9	1	2
17268736 ₁ = χ_{171}	28	20	11	15	30	24	5	15	9	8	4	1	1
17530128 ₁ = χ_{172}	46	32	20	34	41	52	6	31	14	7	8	1	2
18260550 ₁ = χ_{173}	49	33	22	38	45	57	7	32	14	8	8	1	2
18260550 ₂ = χ_{174}	49	33	22	38	45	57	7	32	14	8	8	1	2
18887680 ₁ = χ_{175}	47	40	20	42	38	63	4	37	17	4	9	.	4
21130065 ₁ = χ_{176}	57	38	24	41	50	62	7	36	18	8	9	1	3
21130065 ₂ = χ_{177}	57	38	24	41	50	62	7	36	18	8	9	1	3
21912660 ₁ = χ_{178}	61	40	26	44	54	65	8	37	19	9	9	1	3
22347776 ₁ = χ_{179}	42	34	20	30	44	48	8	30	12	10	8	2	1
22410675 ₁ = χ_{180}	58	39	25	41	55	63	8	35	16	11	9	1	3
22410675 ₂ = χ_{181}	62	39	26	45	51	65	7	37	20	7	9	1	3
22410675 ₃ = χ_{182}	45	33	20	29	47	47	8	29	14	11	7	2	1
23477850 ₁ = χ_{183}	64	45	28	50	57	76	8	43	20	9	10	1	3
23477850 ₂ = χ_{184}	64	45	28	50	57	76	8	43	20	9	10	1	3
23856525 ₁ = χ_{185}	45	37	20	31	47	49	8	31	14	11	9	2	2
23856525 ₂ = χ_{186}	68	41	27	43	60	67	8	39	21	11	9	1	2
23856525 ₃ = χ_{187}	64	41	29	51	55	73	8	39	19	8	9	1	4
25970560 ₁ = χ_{188}	72	48	32	56	62	81	9	44	23	9	10	1	4
25970560 ₂ = χ_{189}	70	47	29	48	65	76	9	43	21	12	10	1	3
26295192 ₁ = χ_{190}	75	42	30	47	69	72	10	39	22	13	9	1	3
26712576 ₁ = χ_{191}	56	36	22	29	55	48	8	30	17	13	8	2	2
29002050 ₁ = χ_{192}	82	48	33	53	70	77	10	43	25	12	10	1	4
29002050 ₂ = χ_{193}	66	38	30	41	66	61	11	33	18	15	8	3	2
29216880 ₁ = χ_{194}	67	36	30	41	62	57	11	32	18	14	8	3	2
29680640 ₁ = χ_{195}	66	42	31	44	64	65	11	37	18	14	9	3	2
32868990 ₁ = χ_{196}	77	48	33	47	71	69	11	41	23	15	10	3	3
37564560 ₁ = χ_{198}	90	50	39	55	86	81	14	44	25	19	10	3	3

(Block 1:)	φ_{28}	φ_{29}	φ_{30}	φ_{31}	
14608440 ₁ = χ_{161}	2	1	.	.	
14608440 ₂ = χ_{162}	2	1	.	.	
14608440 ₃ = χ_{163}	2	1	1	.	$\varphi_1 = 1_1$
14840320 ₁ = χ_{164}	1	.	1	1	$\varphi_2 = 10_1$
16220160 ₁ = χ_{165}	1	.	1	1	$\varphi_3 = 32_1$
16231600 ₁ = χ_{166}	2	1	1	.	$\varphi_4 = 44_1$
16434495 ₁ = χ_{167}	1	1	1	.	$\varphi_5 = 100_1$
16434495 ₂ = χ_{168}	2	1	1	.	$\varphi_6 = 164_1$
16434495 ₃ = χ_{169}	2	1	1	.	$\varphi_7 = 320_1$
16434495 ₄ = χ_{170}	1	1	1	.	$\varphi_8 = 320_2$
17268736 ₁ = χ_{171}	1	1	1	1	$\varphi_9 = 670_1$
17530128 ₁ = χ_{172}	2	1	1	.	$\varphi_{10} = 1408_1$
18260550 ₁ = χ_{173}	2	1	1	.	$\varphi_{11} = 1408_2$
18260550 ₂ = χ_{174}	2	1	1	.	$\varphi_{12} = 2708_1$
18887680 ₁ = χ_{175}	3	1	.	.	$\varphi_{13} = 3124_1$
21130065 ₁ = χ_{176}	3	1	1	.	$\varphi_{14} = 3200_1$
21130065 ₂ = χ_{177}	3	1	1	.	$\varphi_{15} = 5248_1$
21912660 ₁ = χ_{178}	3	1	1	.	$\varphi_{16} = 8832_1$
22347776 ₁ = χ_{179}	1	1	1	1	$\varphi_{17} = 10240_1$
22410675 ₁ = χ_{180}	2	1	2	.	$\varphi_{18} = 17920_1$
22410675 ₂ = χ_{181}	4	1	1	.	$\varphi_{19} = 21440_1$
22410675 ₃ = χ_{182}	1	1	1	1	$\varphi_{20} = 22408_1$
23477850 ₁ = χ_{183}	3	1	1	.	$\varphi_{21} = 45056_1$
23477850 ₂ = χ_{184}	3	1	1	.	$\varphi_{22} = 52710_1$
23856525 ₁ = χ_{185}	1	1	1	1	$\varphi_{23} = 86656_1$
23856525 ₂ = χ_{186}	3	1	2	.	$\varphi_{24} = 99968_1$
23856525 ₃ = χ_{187}	4	1	1	.	$\varphi_{25} = 183040_1$
25970560 ₁ = χ_{188}	4	1	1	.	$\varphi_{26} = 282624_1$
25970560 ₂ = χ_{189}	3	1	2	.	$\varphi_{27} = 573440_1$
26295192 ₁ = χ_{190}	4	1	2	.	$\varphi_{28} = 717056_1$
26712576 ₁ = χ_{191}	2	1	2	1	$\varphi_{29} = 1048576_1$
29002050 ₁ = χ_{192}	5	1	2	.	$\varphi_{30} = 1686720_1$
29002050 ₂ = χ_{193}	2	1	2	1	$\varphi_{31} = 5857280_1$
29216880 ₁ = χ_{194}	3	1	2	1	
29680640 ₁ = χ_{195}	2	1	2	1	
32868990 ₁ = χ_{196}	3	1	2	1	
37564560 ₁ = χ_{198}	4	1	3	1	