

# $B \pmod{11}$

	blocks	defect	matrix
$G :$	1	1	$11 \times 10$
	2	1	$11 \times 10$
	3	1	$11 \times 10$
	4	1	$11 \times 10$
	5	1	$11 \times 10$
	6	1	$11 \times 10$
	7	0	$3214743741_1 = \chi_{11}, \varphi_{11}$
	8	1	$11 \times 10$
	9	0	$4275362520_1 = \chi_{13}, \varphi_{13}$
	10	0	$9287037474_1 = \chi_{15}, \varphi_{15}$
	11	0	$12501781215_1 = \chi_{16}, \varphi_{16}$
	12	0	$27416186875_1 = \chi_{18}, \varphi_{18}$
	13	0	$75844139371_1 = \chi_{19}, \varphi_{19}$
	14	0	$90807234375_1 = \chi_{21}, \varphi_{21}$
	$15 = \overline{14}$	0	$90807234375_2 = \chi_{22}, \varphi_{22}$
	16	0	$108348770530_1 = \chi_{23}, \varphi_{23}$
	17	0	$252984703125_1 = \chi_{25}, \varphi_{25}$
	$18 = \overline{17}$	0	$252984703125_2 = \chi_{26}, \varphi_{26}$
	19	0	$536105794455_1 = \chi_{28}, \varphi_{28}$
	20	0	$551549171250_1 = \chi_{29}, \varphi_{29}$
	21	0	$635966233056_1 = \chi_{30}, \varphi_{30}$
	22	0	$641238778125_1 = \chi_{31}, \varphi_{31}$
	23	0	$4097337118875_1 = \chi_{35}, \varphi_{35}$
	$24 = \overline{23}$	0	$4097337118875_2 = \chi_{36}, \varphi_{36}$
	25	0	$4375623425250_1 = \chi_{37}, \varphi_{37}$
	26	0	$4836998684375_1 = \chi_{38}, \varphi_{38}$
	27	0	$6143375289051_1 = \chi_{39}, \varphi_{39}$
	28	0	$6145833622500_1 = \chi_{40}, \varphi_{40}$
	29	0	$6697382793750_1 = \chi_{42}, \varphi_{42}$
	30	0	$8379477898506_1 = \chi_{45}, \varphi_{45}$
	$31 = \overline{30}$	0	$8379477898506_2 = \chi_{46}, \varphi_{46}$
	32	0	$9958526703125_1 = \chi_{47}, \varphi_{47}$
	33	0	$10238958815085_1 = \chi_{48}, \varphi_{48}$
	34	0	$10238958815085_2 = \chi_{49}, \varphi_{49}$
	35	0	$10853720317440_1 = \chi_{51}, \varphi_{51}$
	36	0	$11890281046875_1 = \chi_{52}, \varphi_{52}$
	$37 = \overline{36}$	0	$11890281046875_2 = \chi_{53}, \varphi_{53}$
	38	0	$17413195263750_1 = \chi_{55}, \varphi_{55}$
	39	0	$19246163186250_1 = \chi_{56}, \varphi_{56}$
	40	0	$24573501156204_1 = \chi_{61}, \varphi_{61}$

	blocks	defect	matrix
	41	0	40955835260340 <sub>1</sub> = $\chi_{65}, \varphi_{65}$
	42	0	47097393520320 <sub>1</sub> = $\chi_{66}, \varphi_{66}$
	43	0	78359378686875 <sub>1</sub> = $\chi_{67}, \varphi_{67}$
	44	0	89626740328125 <sub>1</sub> = $\chi_{68}, \varphi_{68}$
	45	0	118479380574555 <sub>1</sub> = $\chi_{70}, \varphi_{73}$
	46	0	119483690332160 <sub>1</sub> = $\chi_{71}, \varphi_{74}$
	47	0	162746401888125 <sub>1</sub> = $\chi_{74}, \varphi_{77}$
	48	0	210919336847010 <sub>1</sub> = $\chi_{76}, \varphi_{80}$
	49	0	284415522641250 <sub>1</sub> = $\chi_{80}, \varphi_{82}$
	50	0	284415522641250 <sub>2</sub> = $\chi_{81}, \varphi_{83}$
	51	0	364635285437500 <sub>1</sub> = $\chi_{83}, \varphi_{85}$
	52	0	386959894750000 <sub>1</sub> = $\chi_{84}, \varphi_{86}$
	53	0	595404085985280 <sub>1</sub> = $\chi_{88}, \varphi_{93}$
	54	0	652994822390625 <sub>1</sub> = $\chi_{90}, \varphi_{95}$
	55	0	677025031854600 <sub>1</sub> = $\chi_{94}, \varphi_{97}$
	56	0	775438738408125 <sub>1</sub> = $\chi_{97}, \varphi_{99}$
	57	0	820429392234375 <sub>1</sub> = $\chi_{99}, \varphi_{101}$
	58	0	1042755084800000 <sub>1</sub> = $\chi_{103}, \varphi_{103}$
	59	0	1093905856312500 <sub>1</sub> = $\chi_{104}, \varphi_{104}$
	60	0	1370975689505565 <sub>1</sub> = $\chi_{106}, \varphi_{108}$
	61	0	1370975689505565 <sub>2</sub> = $\chi_{107}, \varphi_{109}$
	62	0	1391162882484375 <sub>1</sub> = $\chi_{108}, \varphi_{110}$
	63	0	1523654585578125 <sub>1</sub> = $\chi_{110}, \varphi_{111}$
	64	0	1711786747207680 <sub>1</sub> = $\chi_{112}, \varphi_{112}$
	65	0	2123804897280000 <sub>1</sub> = $\chi_{115}, \varphi_{114}$
	66	0	2437847336925000 <sub>1</sub> = $\chi_{116}, \varphi_{117}$
	67	0	2565217512000000 <sub>1</sub> = $\chi_{117}, \varphi_{119}$
	68	0	2611979289562500 <sub>1</sub> = $\chi_{118}, \varphi_{120}$
	69	0	2642676197359616 <sub>1</sub> = $\chi_{119}, \varphi_{121}$
	70	0	2730389017356000 <sub>1</sub> = $\chi_{120}, \varphi_{122}$
	71	0	2952870715858140 <sub>1</sub> = $\chi_{123}, \varphi_{123}$
	72	0	3469068040246875 <sub>1</sub> = $\chi_{126}, \varphi_{127}$
	73	0	3555194033015625 <sub>1</sub> = $\chi_{127}, \varphi_{128}$
	74	0	3555194033015625 <sub>2</sub> = $\chi_{128}, \varphi_{129}$
	75	0	3669877711500000 <sub>1</sub> = $\chi_{129}, \varphi_{130}$
	76	0	3839609555656875 <sub>1</sub> = $\chi_{130}, \varphi_{132}$
	77	0	4068660047203125 <sub>1</sub> = $\chi_{131}, \varphi_{134}$
	78	0	4095583526034000 <sub>1</sub> = $\chi_{132}, \varphi_{135}$
	79	0	4193877530658816 <sub>1</sub> = $\chi_{133}, \varphi_{136}$
	80	0	4231406449091250 <sub>1</sub> = $\chi_{134}, \varphi_{137}$

	blocks	defect	matrix
	81	0	4231406449091250 <sub>2</sub> = $\chi_{135}, \varphi_{138}$
	82	0	4331775591000000 <sub>1</sub> = $\chi_{137}, \varphi_{139}$
	83	0	4331775591000000 <sub>2</sub> = $\chi_{138}, \varphi_{140}$
	84	0	4570963756734375 <sub>1</sub> = $\chi_{139}, \varphi_{141}$
	85	0	4643518737000000 <sub>1</sub> = $\chi_{141}, \varphi_{142}$
	86	0	4740258710687500 <sub>1</sub> = $\chi_{142}, \varphi_{143}$
	87	0	4740258710687500 <sub>2</sub> = $\chi_{143}, \varphi_{144}$
	88	0	5223958579125000 <sub>1</sub> = $\chi_{146}, \varphi_{146}$
	89	0	5257393731060471 <sub>1</sub> = $\chi_{147}, \varphi_{148}$
	90	0	5257393731060471 <sub>2</sub> = $\chi_{148}, \varphi_{149}$
	91	0	5485156508081250 <sub>1</sub> = $\chi_{149}, \varphi_{150}$
	92	0	6692129944500000 <sub>1</sub> = $\chi_{152}, \varphi_{152}$
	93	0	6934321313920000 <sub>1</sub> = $\chi_{153}, \varphi_{153}$
	94	0	7575407965125000 <sub>1</sub> = $\chi_{155}, \varphi_{154}$
	95	0	7679219111313750 <sub>1</sub> = $\chi_{156}, \varphi_{155}$
	96	0	7698465274500000 <sub>1</sub> = $\chi_{157}, \varphi_{156}$
	97	0	7744013981383680 <sub>1</sub> = $\chi_{158}, \varphi_{157}$
	98	0	7853379563452500 <sub>1</sub> = $\chi_{159}, \varphi_{158}$
	99	0	7863520369985280 <sub>1</sub> = $\chi_{160}, \varphi_{159}$
	100	0	8351460096890625 <sub>1</sub> = $\chi_{161}, \varphi_{160}$
	101	0	8602825703915520 <sub>1</sub> = $\chi_{163}, \varphi_{162}$
	102	0	8774244412835616 <sub>1</sub> = $\chi_{164}, \varphi_{163}$
	103	0	9558000449712000 <sub>1</sub> = $\chi_{167}, \varphi_{164}$
	104	0	9569488431021750 <sub>1</sub> = $\chi_{168}, \varphi_{165}$
	105	0	9573585768140625 <sub>1</sub> = $\chi_{169}, \varphi_{166}$
	106	0	9573585768140625 <sub>2</sub> = $\chi_{170}, \varphi_{167}$
	107	0	9596829826538955 <sub>1</sub> = $\chi_{171}, \varphi_{168}$
	108	0	9845152706812500 <sub>1</sub> = $\chi_{172}, \varphi_{169}$
	109	0	10161349228100070 <sub>1</sub> = $\chi_{174}, \varphi_{170}$
	110	0	11381560819200000 <sub>1</sub> = $\chi_{175}, \varphi_{173}$
	111	0	12424315904000000 <sub>1</sub> = $\chi_{178}, \varphi_{174}$
	112	0	12424315904000000 <sub>2</sub> = $\chi_{179}, \varphi_{175}$
	113	0	14014628339712000 <sub>1</sub> = $\chi_{182}, \varphi_{176}$
	114	0	14220776132062500 <sub>1</sub> = $\chi_{183}, \varphi_{177}$
2.G :	115	1	11 × 10
	116	1	7 × 5
	117	1	7 × 5
	118	1	7 × 5
	119	0	100406462464 <sub>1</sub> = $\chi_{192}, \varphi_{184}$
	120	0	10177847623680 <sub>1</sub> = $\chi_{196}, \varphi_{188}$

	blocks	defect	matrix
	121	0	17069098618880 <sub>1</sub> = $\chi_{197}, \varphi_{189}$
	122	0	23459577856000 <sub>1</sub> = $\chi_{199}, \varphi_{191}$
	123 = $\overline{122}$	0	23459577856000 <sub>2</sub> = $\chi_{200}, \varphi_{192}$
	124	0	60780833777664 <sub>1</sub> = $\chi_{203}, \varphi_{195}$
	125	0	93980448866304 <sub>1</sub> = $\chi_{207}, \varphi_{198}$
	126	0	110949141022720 <sub>1</sub> = $\chi_{208}, \varphi_{199}$
	127	0	261841888000000 <sub>1</sub> = $\chi_{214}, \varphi_{204}$
	128 = $\overline{127}$	0	261841888000000 <sub>2</sub> = $\chi_{215}, \varphi_{205}$
	129	0	312199319900160 <sub>1</sub> = $\chi_{216}, \varphi_{206}$
	130	0	447224633856000 <sub>1</sub> = $\chi_{217}, \varphi_{207}$
	131 = $\overline{130}$	0	447224633856000 <sub>2</sub> = $\chi_{218}, \varphi_{208}$
	132	0	1566852857856000 <sub>1</sub> = $\chi_{221}, \varphi_{211}$
	133	0	1793872427483136 <sub>1</sub> = $\chi_{222}, \varphi_{212}$
	134	0	2642676197359616 <sub>2</sub> = $\chi_{223}, \varphi_{213}$
	135 = $\overline{134}$	0	2642676197359616 <sub>3</sub> = $\chi_{224}, \varphi_{214}$
	136	0	2995626807613440 <sub>1</sub> = $\chi_{225}, \varphi_{215}$
	137	0	3370903132962816 <sub>1</sub> = $\chi_{226}, \varphi_{216}$
	138	0	4193877530658816 <sub>2</sub> = $\chi_{228}, \varphi_{219}$
	139	0	4215392896000000 <sub>1</sub> = $\chi_{229}, \varphi_{220}$
	140 = $\overline{139}$	0	4215392896000000 <sub>2</sub> = $\chi_{230}, \varphi_{221}$
	141	0	4490309824000000 <sub>1</sub> = $\chi_{232}, \varphi_{222}$
	142 = $\overline{141}$	0	4490309824000000 <sub>2</sub> = $\chi_{233}, \varphi_{223}$
	143	0	4638342016000000 <sub>1</sub> = $\chi_{234}, \varphi_{224}$
	144	0	8580585368070144 <sub>1</sub> = $\chi_{238}, \varphi_{226}$
	145 = $\overline{144}$	0	8580585368070144 <sub>2</sub> = $\chi_{239}, \varphi_{227}$
	146	0	8740741152000000 <sub>1</sub> = $\chi_{240}, \varphi_{228}$
	147	0	24089453696000000 <sub>1</sub> = $\chi_{244}, \varphi_{231}$
	148	0	26438944243712000 <sub>1</sub> = $\chi_{246}, \varphi_{232}$
	149	0	29823129106907136 <sub>1</sub> = $\chi_{247}, \varphi_{233}$

<b>Block 1:</b>	$\varphi_1$	$\varphi_{17}$	$\varphi_{54}$	$\varphi_{62}$	$\varphi_{71}$	$\varphi_{81}$	$\varphi_{87}$	$\varphi_{89}$	$\varphi_{98}$
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.
$13508418144_1 = \chi_{17}$	.	1	.	.	.	.	.	.	.
$12927978301875_1 = \chi_{54}$	.	1	1	.	.	.	.	.	.
$35301999416320_1 = \chi_{62}$	1	.	.	1	.	.	.	.	.
$123485536419840_1 = \chi_{72}$	.	.	1	.	1	.	.	.	.
$422966584586250_1 = \chi_{85}$	.	.	.	1	.	.	1	.	.
$665029816320000_2 = \chi_{93}$	.	.	.	.	.	1	1	.	.
$809403858900000_1 = \chi_{98}$	.	.	.	.	.	1	.	1	.
$844994666880000_1 = \chi_{101}$	.	.	.	.	1	.	.	.	1
$2788834713600000_1 = \chi_{121}$	.	.	.	.	.	.	.	1	.
$2991219686193960_1 = \chi_{124}$	.	.	.	.	.	.	.	.	1

<b>(Block 1:)</b>	$\varphi_{115}$	
$1_1 = \chi_1$	.	$\varphi_1 = 1_1$
$13508418144_1 = \chi_{17}$	.	$\varphi_{17} = 13508418144_1$
$12927978301875_1 = \chi_{54}$	.	$\varphi_{54} = 12914469883731_1$
$35301999416320_1 = \chi_{62}$	.	$\varphi_{62} = 35301999416319_1$
$123485536419840_1 = \chi_{72}$	.	$\varphi_{71} = 110571066536109_1$
$422966584586250_1 = \chi_{85}$	.	$\varphi_{81} = 277365231150069_1$
$665029816320000_2 = \chi_{93}$	.	$\varphi_{87} = 387664585169931_1$
$809403858900000_1 = \chi_{98}$	.	$\varphi_{89} = 532038627749931_1$
$844994666880000_1 = \chi_{101}$	.	$\varphi_{98} = 734423600343891_1$
$2788834713600000_1 = \chi_{121}$	1	$\varphi_{115} = 2256796085850069_1$
$2991219686193960_1 = \chi_{124}$	1	

<b>Block 2:</b>	$\varphi_2$	$\varphi_5$	$\varphi_{60}$	$\varphi_{100}$	$\varphi_{118}$	$\varphi_{125}$	$\varphi_{126}$	$\varphi_{151}$
$4371_1 = \chi_2$	1	.	.	.	.	.	.	.
$9458750_1 = \chi_5$	.	1	.	.	.	.	.	.
$22348485900000_1 = \chi_{60}$	.	1	1	.	.	.	.	.
$835517991997440_1 = \chi_{100}$	.	.	1	1	.	.	.	.
$4250407956480000_1 = \chi_{136}$	.	.	.	1	.	1	.	.
$8388837260960625_1 = \chi_{162}$	1	.	.	.	.	.	.	.
$9211433539600384_2 = \chi_{166}$	.	.	.	.	1	.	.	1
$10134024677130240_1 = \chi_{173}$	.	.	.	.	.	.	1	1
$11854109736960000_2 = \chi_{177}$	.	.	.	.	.	.	1	.
$13046344927150080_1 = \chi_{180}$	.	.	.	.	1	.	.	.
$13940902029600000_1 = \chi_{181}$	.	.	.	.	.	1	.	.

(Block 2:)	$\varphi_{161}$	$\varphi_{171}$		
$4371_1 = \chi_2$	.	.	$\varphi_2 =$	$4371_1$
$9458750_1 = \chi_5$	.	.	$\varphi_5 =$	$9458750_1$
$2234848590000_1 = \chi_{60}$	.	.	$\varphi_{60} =$	$22348476441250_1$
$835517991997440_1 = \chi_{100}$	.	.	$\varphi_{100} =$	$813169515556190_1$
$4250407956480000_1 = \chi_{136}$	.	.	$\varphi_{118} =$	$2542681338473890_1$
$8388837260960625_1 = \chi_{162}$	1	.	$\varphi_{125} =$	$3437238440923810_1$
$9211433539600384_2 = \chi_{166}$	.	.	$\varphi_{126} =$	$3465272476003746_1$
$10134024677130240_1 = \chi_{173}$	.	.	$\varphi_{151} =$	$6668752201126494_1$
$11854109736960000_2 = \chi_{177}$	1	.	$\varphi_{161} =$	$8388837260956254_1$
$13046344927150080_1 = \chi_{180}$	.	1	$\varphi_{171} =$	$10503663588676190_1$
$13940902029600000_1 = \chi_{181}$	.	1		

Block 3:	$\varphi_3$	$\varphi_7$	$\varphi_{34}$	$\varphi_{57}$	$\varphi_{69}$	$\varphi_{94}$	$\varphi_{107}$	$\varphi_{116}$
$96255_1 = \chi_3$	1	.	.	.	.	.	.	.
$63532485_1 = \chi_7$	.	1	.	.	.	.	.	.
$2624476798125_1 = \chi_{34}$	.	1	1	.	.	.	.	.
$19946023665750_1 = \chi_{57}$	1	.	.	1	.	.	.	.
$94981065075000_1 = \chi_{69}$	.	.	1	.	1	.	.	.
$662947625486250_1 = \chi_{91}$	.	.	.	1	.	1	.	.
$1458928219297500_1 = \chi_{109}$	.	.	.	.	1	.	1	.
$2908795117921875_1 = \chi_{122}$	.	.	.	.	.	1	.	1
$4619851069640625_1 = \chi_{140}$	.	.	.	.	.	.	1	.
$5992026614971875_1 = \chi_{150}$	.	.	.	.	.	.	.	1
$6979512601119240_1 = \chi_{154}$	.	.	.	.	.	.	.	.

(Block 3:)	$\varphi_{124}$	$\varphi_{131}$		
$96255_1 = \chi_3$	.	.	$\varphi_3 =$	$96255_1$
$63532485_1 = \chi_7$	.	.	$\varphi_7 =$	$63532485_1$
$2624476798125_1 = \chi_{34}$	.	.	$\varphi_{34} =$	$2624413265640_1$
$19946023665750_1 = \chi_{57}$	.	.	$\varphi_{57} =$	$19946023569495_1$
$94981065075000_1 = \chi_{69}$	.	.	$\varphi_{69} =$	$92356651809360_1$
$662947625486250_1 = \chi_{91}$	.	.	$\varphi_{94} =$	$643001601916755_1$
$1458928219297500_1 = \chi_{109}$	.	.	$\varphi_{107} =$	$1366571567488140_1$
$2908795117921875_1 = \chi_{122}$	.	.	$\varphi_{116} =$	$2265793516005120_1$
$4619851069640625_1 = \chi_{140}$	1	.	$\varphi_{124} =$	$3253279502152485_1$
$5992026614971875_1 = \chi_{150}$	.	1	$\varphi_{131} =$	$3726233098966755_1$
$6979512601119240_1 = \chi_{154}$	1	1		



(Block 5:)	$\varphi_{145}$		
9550635 <sub>1</sub> = $\chi_6$	.	$\varphi_6$ =	9550635 <sub>1</sub>
356054375 <sub>1</sub> = $\chi_9$	.	$\varphi_9$ =	356054375 <sub>1</sub>
1917448516791 <sub>1</sub> = $\chi_{33}$	.	$\varphi_{33}$ =	1917092462416 <sub>1</sub>
38658236225625 <sub>1</sub> = $\chi_{64}$	.	$\varphi_{64}$ =	38658226674990 <sub>1</sub>
181844090400000 <sub>1</sub> = $\chi_{75}$	.	$\varphi_{70}$ =	108850875791490 <sub>1</sub>
226187908369605 <sub>1</sub> = $\chi_{78}$	.	$\varphi_{72}$ =	117337032578115 <sub>1</sub>
260522896303125 <sub>1</sub> = $\chi_{79}$	.	$\varphi_{76}$ =	143185863725010 <sub>1</sub>
349055414150625 <sub>1</sub> = $\chi_{82}$	.	$\varphi_{84}$ =	347138321688209 <sub>1</sub>
1679281227336960 <sub>1</sub> = $\chi_{111}$	.	$\varphi_{106}$ =	1332142905648751 <sub>1</sub>
5191701169700864 <sub>1</sub> = $\chi_{145}$	1	$\varphi_{145}$ =	5082850293909374 <sub>1</sub>
6414993199558125 <sub>1</sub> = $\chi_{151}$	1		

Block 6:	$\varphi_{10}$	$\varphi_{14}$	$\varphi_{24}$	$\varphi_{44}$	$\varphi_{50}$	$\varphi_{92}$	$\varphi_{102}$	$\varphi_{133}$
1407126890 <sub>1</sub> = $\chi_{10}$	1	.	.	.	.	.	.	.
4622913750 <sub>1</sub> = $\chi_{14}$	.	1	.	.	.	.	.	.
156871952640 <sub>1</sub> = $\chi_{24}$	.	1	1	.	.	.	.	.
8165038927500 <sub>1</sub> = $\chi_{44}$	.	.	1	1	.	.	.	.
10529575087500 <sub>1</sub> = $\chi_{50}$	1	.	.	.	1	.	.	.
563729863936554 <sub>1</sub> = $\chi_{86}$	.	.	.	1	.	1	.	.
968283412561920 <sub>1</sub> = $\chi_{102}$	.	.	.	.	1	.	1	.
4919769220713750 <sub>1</sub> = $\chi_{144}$	.	.	.	.	.	.	1	1
9211433539600384 <sub>1</sub> = $\chi_{165}$	.	.	.	.	.	.	.	1
11854109736960000 <sub>1</sub> = $\chi_{176}$	.	.	.	.	.	1	.	.
16547812226400000 <sub>1</sub> = $\chi_{184}$	.	.	.	.	.	.	.	.

(Block 6:)	$\varphi_{147}$	$\varphi_{172}$		
1407126890 <sub>1</sub> = $\chi_{10}$	.	.	$\varphi_{10}$ =	1407126890 <sub>1</sub>
4622913750 <sub>1</sub> = $\chi_{14}$	.	.	$\varphi_{14}$ =	4622913750 <sub>1</sub>
156871952640 <sub>1</sub> = $\chi_{24}$	.	.	$\varphi_{24}$ =	152249038890 <sub>1</sub>
8165038927500 <sub>1</sub> = $\chi_{44}$	.	.	$\varphi_{44}$ =	8012789888610 <sub>1</sub>
10529575087500 <sub>1</sub> = $\chi_{50}$	.	.	$\varphi_{50}$ =	10528167960610 <sub>1</sub>
563729863936554 <sub>1</sub> = $\chi_{86}$	.	.	$\varphi_{92}$ =	555717074047944 <sub>1</sub>
968283412561920 <sub>1</sub> = $\chi_{102}$	.	.	$\varphi_{102}$ =	957755244601310 <sub>1</sub>
4919769220713750 <sub>1</sub> = $\chi_{144}$	.	.	$\varphi_{133}$ =	3962013976112440 <sub>1</sub>
9211433539600384 <sub>1</sub> = $\chi_{165}$	1	.	$\varphi_{147}$ =	5249419563487944 <sub>1</sub>
11854109736960000 <sub>1</sub> = $\chi_{176}$	.	1	$\varphi_{172}$ =	11298392662912056 <sub>1</sub>
16547812226400000 <sub>1</sub> = $\chi_{184}$	1	1		



<b>Block 8:</b>	$\varphi_{12}$	$\varphi_{20}$	$\varphi_{27}$	$\varphi_{32}$	$\varphi_{43}$	$\varphi_{63}$	$\varphi_{78}$	$\varphi_{90}$	$\varphi_{91}$
$4221380670_1 = \chi_{12}$	1	.	.	.	.	.	.	.	.
$80426400000_1 = \chi_{20}$	.	1	.	.	.	.	.	.	.
$309720864375_1 = \chi_{27}$	1	.	1	.	.	.	.	.	.
$1095935366250_1 = \chi_{32}$	.	1	.	1	.	.	.	.	.
$7331420799495_1 = \chi_{43}$	.	.	1	.	1	.	.	.	.
$38348970335820_1 = \chi_{63}$	.	.	.	1	.	1	.	.	.
$581759023584375_1 = \chi_{87}$	.	.	.	.	.	1	.	.	1
$665029816320000_1 = \chi_{92}$	.	.	.	.	1	.	.	.	.
$714865488180480_1 = \chi_{95}$	.	.	.	.	.	.	1	1	.
$718889622405120_1 = \chi_{96}$	.	.	.	.	.	.	1	.	1
$1198405322994375_1 = \chi_{105}$	.	.	.	.	.	.	.	1	.

<b>(Block 8):</b>	$\varphi_{96}$	
$4221380670_1 = \chi_{12}$	.	$\varphi_{12} = 4221380670_1$
$80426400000_1 = \chi_{20}$	.	$\varphi_{20} = 80426400000_1$
$309720864375_1 = \chi_{27}$	.	$\varphi_{27} = 305499483705_1$
$1095935366250_1 = \chi_{32}$	.	$\varphi_{32} = 1015508966250_1$
$7331420799495_1 = \chi_{43}$	.	$\varphi_{43} = 7025921315790_1$
$38348970335820_1 = \chi_{63}$	.	$\varphi_{63} = 37333461369570_1$
$581759023584375_1 = \chi_{87}$	.	$\varphi_{78} = 174464060190315_1$
$665029816320000_1 = \chi_{92}$	1	$\varphi_{90} = 540401427990165_1$
$714865488180480_1 = \chi_{95}$	.	$\varphi_{91} = 544425562214805_1$
$718889622405120_1 = \chi_{96}$	.	$\varphi_{96} = 658003895004210_1$
$1198405322994375_1 = \chi_{105}$	1	

<b>Block 115:</b>	$\varphi_{178}$	$\varphi_{181}$	$\varphi_{185}$	$\varphi_{193}$	$\varphi_{196}$	$\varphi_{197}$	$\varphi_{201}$
$96256_1 = \chi_{185}$	1	.	.	.	.	.	.
$8844386304_1 = \chi_{188}$	.	1	.	.	.	.	.
$772566552576_1 = \chi_{193}$	.	1	1	.	.	.	.
$31123395403776_1 = \chi_{201}$	1	.	.	1	.	.	.
$77683916800000_1 = \chi_{205}$	.	.	.	.	1	.	.
$77683916800000_2 = \chi_{206}$	.	.	.	.	.	1	.
$168430710030336_1 = \chi_{210}$	.	.	.	.	.	.	1
$168430710030336_2 = \chi_{211}$	.	.	.	.	.	.	.
$791851002292224_1 = \chi_{219}$	.	.	1	.	.	.	.
$4250243698421760_1 = \chi_{231}$	.	.	.	1	1	1	.
$5191701169700864_2 = \chi_{237}$	.	.	.	.	.	.	1

(Block 115:)	$\varphi_{202}$	$\varphi_{209}$	$\varphi_{218}$		
$96256_1 = \chi_{185}$	.	.	.	$\varphi_{178} =$	$96256_1$
$8844386304_1 = \chi_{188}$	.	.	.	$\varphi_{181} =$	$8844386304_1$
$772566552576_1 = \chi_{193}$	.	.	.	$\varphi_{185} =$	$763722166272_1$
$31123395403776_1 = \chi_{201}$	.	.	.	$\varphi_{193} =$	$31123395307520_1$
$77683916800000_1 = \chi_{205}$	.	.	.	$\varphi_{196} =$	$77683916800000_1$
$77683916800000_2 = \chi_{206}$	.	.	.	$\varphi_{197} =$	$77683916800000_2$
$168430710030336_1 = \chi_{210}$	.	.	.	$\varphi_{201} =$	$168430710030336_1$
$168430710030336_2 = \chi_{211}$	1	.	.	$\varphi_{202} =$	$168430710030336_2$
$791851002292224_1 = \chi_{219}$	.	1	.	$\varphi_{209} =$	$791087280125952_1$
$4250243698421760_1 = \chi_{231}$	.	.	1	$\varphi_{218} =$	$4063752469514240_1$
$5191701169700864_2 = \chi_{237}$	1	1	1		

Block 116:	$\varphi_{179}$	$\varphi_{200}$	$\varphi_{203}$	$\varphi_{217}$	$\varphi_{230}$
$10506240_1 = \chi_{186}$	1	.	.	.	.
$138547878400000_1 = \chi_{209}$	1	1	.	.	.
$235755961319424_1 = \chi_{212}$	.	.	1	.	.
$235755961319424_2 = \chi_{213}$	.	.	1	.	.
$3824419701473280_1 = \chi_{227}$	.	1	.	1	.
$21065543276560384_1 = \chi_{243}$	.	.	1	.	1
$24515659148820480_1 = \chi_{245}$	.	.	.	1	1

$$\begin{aligned} \varphi_{179} &= 10506240_1 & \varphi_{217} &= 3685871833579520_1 \\ \varphi_{200} &= 138547867893760_1 & \varphi_{230} &= 20829787315240960_1 \\ \varphi_{203} &= 235755961319424_1 & & \end{aligned}$$

Block 117:	$\varphi_{180}$	$\varphi_{187}$	$\varphi_{210}$	$\varphi_{225}$	$\varphi_{229}$
$410132480_1 = \chi_{187}$	1	.	.	.	.
$43222693806080_1 = \chi_{195}$	1	1	.	.	.
$828829551513600_1 = \chi_{220}$	.	1	1	.	.
$5191647233310720_1 = \chi_{235}$	.	.	.	1	.
$5191647233310720_2 = \chi_{236}$	.	.	.	1	.
$12604975138529280_1 = \chi_{241}$	.	.	1	.	1
$16972115104000000_1 = \chi_{242}$	.	.	.	1	1

$$\begin{aligned} \varphi_{180} &= 410132480_1 & \varphi_{225} &= 5191647233310720_1 \\ \varphi_{187} &= 4322283673600_1 & \varphi_{229} &= 11780467870689280_1 \\ \varphi_{210} &= 824507267840000_1 & & \end{aligned}$$

<b>Block 118:</b>	$\varphi_{182}$	$\varphi_{183}$	$\varphi_{186}$	$\varphi_{190}$	$\varphi_{194}$
$36657653760_1 = \chi_{189}$	1	.	.	.	.
$53936390144_1 = \chi_{190}$	.	1	.	.	.
$53936390144_2 = \chi_{191}$	.	1	.	.	.
$864538761216_1 = \chi_{194}$	1	.	1	.	.
$21400636907520_1 = \chi_{198}$	.	.	1	1	.
$40345142190080_1 = \chi_{202}$	.	1	.	.	1
$60863961600000_1 = \chi_{204}$	.	.	.	1	1

$$\begin{aligned} \varphi_{182} &= 36657653760_1 \\ \varphi_{183} &= 53936390144_1 \\ \varphi_{186} &= 827881107456_1 \end{aligned}$$

$$\begin{aligned} \varphi_{190} &= 20572755800064_1 \\ \varphi_{194} &= 40291205799936_1 \end{aligned}$$