

$$M \pmod{17}$$

	blocks	defect	matrix
$G :$	1	1	17×16
	2	1	17×16
	3	1	17×16
	4	1	17×16
	5	1	10×8
	6	0	$36173193327999_1 = \chi_9, \varphi_9$
	7	0	$125510727015275_1 = \chi_{10}, \varphi_{10}$
	8	0	$190292345709543_1 = \chi_{11}, \varphi_{11}$
	9	0	$222879856734249_1 = \chi_{12}, \varphi_{12}$
	10	0	$8980616927734375_1 = \chi_{16}, \varphi_{17}$
	$11 = \overline{10}$	0	$8980616927734375_2 = \chi_{17}, \varphi_{16}$
	12	0	$15178147608537368_1 = \chi_{18}, \varphi_{18}$
	13	0	$39660520552077425_1 = \chi_{19}, \varphi_{19}$
	14	0	$336041615485626050_1 = \chi_{23}, \varphi_{23}$
	15	0	$2500435234254428856_1 = \chi_{24}, \varphi_{24}$
	16	0	$3503434660075044981_1 = \chi_{26}, \varphi_{27}$
	$17 = \overline{16}$	0	$3503434660075044981_2 = \chi_{27}, \varphi_{26}$
	18	0	$8754193822112578125_1 = \chi_{30}, \varphi_{30}$
	19	0	$31569817307122699605_1 = \chi_{33}, \varphi_{33}$
	20	0	$47377503606648784400_1 = \chi_{34}, \varphi_{34}$
	21	0	$49609712911192813665_1 = \chi_{35}, \varphi_{35}$
	22	0	$77316619273928125000_1 = \chi_{36}, \varphi_{36}$
	23	0	$172399434201593354756_1 = \chi_{39}, \varphi_{40}$
	$24 = \overline{23}$	0	$172399434201593354756_2 = \chi_{40}, \varphi_{39}$
	25	0	$286243267692724486144_1 = \chi_{41}, \varphi_{42}$
	$26 = \overline{25}$	0	$286243267692724486144_2 = \chi_{42}, \varphi_{41}$
	27	0	$379913824694312370176_1 = \chi_{43}, \varphi_{43}$
	28	0	$640558364167263622626_1 = \chi_{44}, \varphi_{45}$
	$29 = \overline{28}$	0	$640558364167263622626_2 = \chi_{45}, \varphi_{44}$
	30	0	$1201241700908448332364_1 = \chi_{51}, \varphi_{50}$
	31	0	$1768130802583126953125_1 = \chi_{55}, \varphi_{55}$
	$32 = \overline{31}$	0	$1768130802583126953125_2 = \chi_{56}, \varphi_{54}$
	33	0	$2351753641814605348320_1 = \chi_{57}, \varphi_{56}$
	34	0	$2382987417506242421875_1 = \chi_{58}, \varphi_{57}$
	35	0	$4567199176912486400000_1 = \chi_{59}, \varphi_{59}$
	$36 = \overline{35}$	0	$4567199176912486400000_2 = \chi_{60}, \varphi_{58}$
	37	0	$10145274012943412428800_1 = \chi_{64}, \varphi_{63}$
	38	0	$12810005542623250817856_1 = \chi_{65}, \varphi_{64}$
	39	0	$19795913912408993711352_1 = \chi_{66}, \varphi_{65}$
	40	0	$21803647757861753437500_1 = \chi_{67}, \varphi_{66}$

	blocks	defect	matrix
	41	0	$24670833602960142274950_1 = \chi_{68}, \varphi_{67}$
	42	0	$31714653744947491918600_1 = \chi_{69}, \varphi_{68}$
	43	0	$41209556844092914062500_1 = \chi_{70}, \varphi_{69}$
	44	0	$60683762052057587326065_1 = \chi_{73}, \varphi_{72}$
	45	0	$70660346341309333984375_1 = \chi_{74}, \varphi_{74}$
	$46 = \overline{45}$	0	$70660346341309333984375_2 = \chi_{75}, \varphi_{73}$
	47	0	$86551489469233273849000_1 = \chi_{76}, \varphi_{75}$
	48	0	$149614794149226010902528_1 = \chi_{81}, \varphi_{81}$
	$49 = \overline{48}$	0	$149614794149226010902528_2 = \chi_{82}, \varphi_{80}$
	50	0	$161649111002260792968750_1 = \chi_{83}, \varphi_{83}$
	$51 = \overline{50}$	0	$161649111002260792968750_2 = \chi_{84}, \varphi_{82}$
	52	0	$191259085113459945312500_1 = \chi_{85}, \varphi_{85}$
	$53 = \overline{52}$	0	$191259085113459945312500_2 = \chi_{86}, \varphi_{84}$
	54	0	$218028402153522030021875_1 = \chi_{87}, \varphi_{86}$
	55	0	$220326476909636307378168_1 = \chi_{88}, \varphi_{87}$
	56	0	$260799524107083767968750_1 = \chi_{89}, \varphi_{90}$
	$57 = \overline{56}$	0	$260799524107083767968750_2 = \chi_{90}, \varphi_{89}$
	58	0	$277540481294528814140625_1 = \chi_{92}, \varphi_{91}$
	59	0	$303379038247015811718750_1 = \chi_{93}, \varphi_{92}$
	60	0	$331150814995116217581480_1 = \chi_{94}, \varphi_{93}$
	61	0	$351532203382732066094400_1 = \chi_{95}, \varphi_{94}$
	62	0	$392611651975065600000000_1 = \chi_{97}, \varphi_{96}$
	63	0	$433528694560598978525184_1 = \chi_{98}, \varphi_{97}$
	64	0	$597787522207315571077947_1 = \chi_{99}, \varphi_{100}$
	$65 = \overline{64}$	0	$597787522207315571077947_2 = \chi_{100}, \varphi_{99}$
	66	0	$689763222744895005949242_1 = \chi_{105}, \varphi_{105}$
	$67 = \overline{66}$	0	$689763222744895005949242_2 = \chi_{106}, \varphi_{104}$
	68	0	$689766726179555080994223_1 = \chi_{107}, \varphi_{107}$
	$69 = \overline{68}$	0	$689766726179555080994223_2 = \chi_{108}, \varphi_{106}$
	70	0	$1037605886984697481755304_1 = \chi_{109}, \varphi_{108}$
	71	0	$1361549126105752982272875_1 = \chi_{110}, \varphi_{109}$
	72	0	$1662686180483865572016128_1 = \chi_{112}, \varphi_{112}$
	73	0	$2216343020913351966796875_1 = \chi_{114}, \varphi_{114}$
	74	0	$2477548750555298068681032_1 = \chi_{115}, \varphi_{115}$
	75	0	$3282510540283631442175104_1 = \chi_{116}, \varphi_{116}$
	76	0	$3537292796538741415074900_1 = \chi_{117}, \varphi_{118}$
	77	0	$3619209050774375426792424_1 = \chi_{118}, \varphi_{119}$
	78	0	$4239315652979009728125000_1 = \chi_{120}, \varphi_{121}$
	79	0	$7118465328761788475375616_1 = \chi_{126}, \varphi_{126}$
	80	0	$7375892500409609408203125_1 = \chi_{127}, \varphi_{127}$

	blocks	defect	matrix
	81	0	$7567151576542452425781250_1 = \chi_{128}, \varphi_{129}$
	$82 = \overline{81}$	0	$7567151576542452425781250_2 = \chi_{129}, \varphi_{128}$
	83	0	$8874260875527017936065100_1 = \chi_{132}, \varphi_{131}$
	84	0	$9479495745805305653125000_1 = \chi_{134}, \varphi_{133}$
	85	0	$9592298143650890255171584_1 = \chi_{135}, \varphi_{135}$
	$86 = \overline{85}$	0	$9592298143650890255171584_2 = \chi_{136}, \varphi_{134}$
	87	0	$9592584386918582979657728_1 = \chi_{137}, \varphi_{136}$
	88	0	$10023854998171489083984375_1 = \chi_{138}, \varphi_{137}$
	89	0	$22626621365160537099927552_1 = \chi_{142}, \varphi_{143}$
	90	0	$24546384719289825598186695_1 = \chi_{143}, \varphi_{144}$
	91	0	$29734941419909382162874368_1 = \chi_{145}, \varphi_{147}$
	92	0	$33722191327002668157047380_1 = \chi_{147}, \varphi_{150}$
	93	0	$38471795739256565080575180_1 = \chi_{149}, \varphi_{152}$
	94	0	$41738941151243953804687500_1 = \chi_{150}, \varphi_{153}$
	95	0	$56356433273146675005489152_1 = \chi_{157}, \varphi_{155}$
	96	0	$58437394633227526183321600_1 = \chi_{158}, \varphi_{156}$
	97	0	$62038057486792249132974080_1 = \chi_{159}, \varphi_{158}$
	98	0	$63750812845035828079008441_1 = \chi_{160}, \varphi_{159}$
	99	0	$66550339514356152000000000_1 = \chi_{162}, \varphi_{160}$
	100	0	$74612213529720383654779356_1 = \chi_{164}, \varphi_{161}$
	101	0	$77423398454853064646282250_1 = \chi_{165}, \varphi_{162}$
	102	0	$83974774459050335630859375_1 = \chi_{166}, \varphi_{164}$
	103	0	$86206621680977834911875000_1 = \chi_{167}, \varphi_{165}$
	104	0	$88943820620288343261672393_1 = \chi_{168}, \varphi_{166}$
	105	0	$121170799240938738783416925_1 = \chi_{171}, \varphi_{172}$
	106	0	$124982156072747647257292800_1 = \chi_{173}, \varphi_{173}$
	107	0	$125517264890136048242396811_1 = \chi_{174}, \varphi_{174}$
	108	0	$130287135266837289237316743_1 = \chi_{176}, \varphi_{175}$
	109	0	$135226984222789977095703125_1 = \chi_{177}, \varphi_{176}$
	110	0	$136574874874360806036041889_1 = \chi_{179}, \varphi_{178}$
	111	0	$136574874874360806036041889_2 = \chi_{180}, \varphi_{177}$
	112	0	$138988549876584520148320256_1 = \chi_{181}, \varphi_{179}$
	113	0	$161561864971171113287540625_1 = \chi_{182}, \varphi_{180}$
	114	0	$163216709667196367710937500_1 = \chi_{183}, \varphi_{181}$
	115	0	$172248852397651745653437500_1 = \chi_{184}, \varphi_{182}$
	116	0	$173865305251972140447265625_1 = \chi_{185}, \varphi_{183}$
	117	0	$198203900044423845494482560_1 = \chi_{188}, \varphi_{184}$
	118	0	$200390867219082687273984375_1 = \chi_{189}, \varphi_{185}$
	119	0	$203314261261157852274218750_1 = \chi_{190}, \varphi_{186}$
	120	0	$241866941438795926688759808_1 = \chi_{193}, \varphi_{187}$

	blocks	defect	matrix
	121	0	258823477531055064045234375 ₁ = $\chi_{194}, \varphi_{188}$

Block 1:	φ_1	φ_{14}	φ_{21}	φ_{52}
$1_1 = \chi_1$	1	.	.	.
$1109944460516150_1 = \chi_{14}$	.	1	.	.
$251098487132187500_1 = \chi_{21}$	.	1	1	.
$1480279477146615234375_1 = \chi_{53}$	.	.	.	.
$1480279477146615234375_2 = \chi_{54}$	.	.	.	1
$7226910362631220625000_1 = \chi_{63}$	.	.	1	.
$42940402913709544921875_1 = \chi_{71}$	.	.	.	.
$42940402913709544921875_2 = \chi_{72}$	.	.	.	.
$146575737439884098045700_1 = \chi_{80}$	.	.	.	.
$391009081837477378329600_1 = \chi_{96}$	1	.	.	.
$9416031858681585751556096_1 = \chi_{133}$	.	.	.	.
$42001454087954515167503490_1 = \chi_{152}$	.	.	.	.
$50572542024949598403750000_1 = \chi_{155}$	.	.	.	.
$51324350389558097414062500_1 = \chi_{156}$	.	.	.	.
$115165062362004433625000000_1 = \chi_{170}$	.	.	.	1
$129572518017902934396764160_1 = \chi_{175}$	.	.	.	.
$175867626988794162227008203_1 = \chi_{186}$	.	.	.	.

(Block 1):	φ_{53}	φ_{62}	φ_{70}	φ_{71}
$1_1 = \chi_1$	.	.	.	.
$1109944460516150_1 = \chi_{14}$	.	.	.	.
$251098487132187500_1 = \chi_{21}$	.	.	.	.
$1480279477146615234375_1 = \chi_{53}$	1	.	.	.
$1480279477146615234375_2 = \chi_{54}$	.	.	.	.
$7226910362631220625000_1 = \chi_{63}$	.	1	.	.
$42940402913709544921875_1 = \chi_{71}$	.	.	.	1
$42940402913709544921875_2 = \chi_{72}$	.	.	1	.
$146575737439884098045700_1 = \chi_{80}$	.	1	.	.
$391009081837477378329600_1 = \chi_{96}$	.	.	.	.
$9416031858681585751556096_1 = \chi_{133}$	.	.	.	.
$42001454087954515167503490_1 = \chi_{152}$	.	.	.	.
$50572542024949598403750000_1 = \chi_{155}$	.	.	.	.
$51324350389558097414062500_1 = \chi_{156}$	.	.	.	.
$115165062362004433625000000_1 = \chi_{170}$	1	.	.	.
$129572518017902934396764160_1 = \chi_{175}$	.	.	1	1
$175867626988794162227008203_1 = \chi_{186}$	.	.	.	.

(Block 1:)	φ_{79}	φ_{95}	φ_{132}
$1_1 = \chi_1$	.	.	.
$1109944460516150_1 = \chi_{14}$	.	.	.
$251098487132187500_1 = \chi_{21}$	.	.	.
$1480279477146615234375_1 = \chi_{53}$	.	.	.
$1480279477146615234375_2 = \chi_{54}$	.	.	.
$7226910362631220625000_1 = \chi_{63}$	.	.	.
$42940402913709544921875_1 = \chi_{71}$	.	.	.
$42940402913709544921875_2 = \chi_{72}$	.	.	.
$146575737439884098045700_1 = \chi_{80}$	1	.	.
$391009081837477378329600_1 = \chi_{96}$	.	1	.
$9416031858681585751556096_1 = \chi_{133}$	1	.	1
$42001454087954515167503490_1 = \chi_{152}$	.	.	1
$50572542024949598403750000_1 = \chi_{155}$	.	1	.
$51324350389558097414062500_1 = \chi_{156}$	.	.	.
$115165062362004433625000000_1 = \chi_{170}$	.	.	.
$129572518017902934396764160_1 = \chi_{175}$	.	.	.
$175867626988794162227008203_1 = \chi_{186}$	.	.	.

(Block 1:)	φ_{142}	φ_{149}	φ_{154}
$1_1 = \chi_1$	.	.	.
$1109944460516150_1 = \chi_{14}$	.	.	.
$251098487132187500_1 = \chi_{21}$	.	.	.
$1480279477146615234375_1 = \chi_{53}$	.	.	.
$1480279477146615234375_2 = \chi_{54}$	.	.	.
$7226910362631220625000_1 = \chi_{63}$	.	.	.
$42940402913709544921875_1 = \chi_{71}$	.	.	.
$42940402913709544921875_2 = \chi_{72}$	.	.	.
$146575737439884098045700_1 = \chi_{80}$	.	.	.
$391009081837477378329600_1 = \chi_{96}$	.	.	.
$9416031858681585751556096_1 = \chi_{133}$	.	.	.
$42001454087954515167503490_1 = \chi_{152}$	.	1	.
$50572542024949598403750000_1 = \chi_{155}$	.	.	1
$51324350389558097414062500_1 = \chi_{156}$	1	1	.
$115165062362004433625000000_1 = \chi_{170}$	1	.	.
$129572518017902934396764160_1 = \chi_{175}$	.	.	1
$175867626988794162227008203_1 = \chi_{186}$	.	.	.

(Block 1:)	φ_{163}	φ_{167}
$1_1 = \chi_1$	.	.
$1109944460516150_1 = \chi_{14}$	.	.
$251098487132187500_1 = \chi_{21}$	.	.
$1480279477146615234375_1 = \chi_{53}$	.	.
$1480279477146615234375_2 = \chi_{54}$	.	.
$7226910362631220625000_1 = \chi_{63}$	.	.
$42940402913709544921875_1 = \chi_{71}$	.	.
$42940402913709544921875_2 = \chi_{72}$	.	.
$146575737439884098045700_1 = \chi_{80}$	.	.
$391009081837477378329600_1 = \chi_{96}$	.	.
$9416031858681585751556096_1 = \chi_{133}$	.	.
$42001454087954515167503490_1 = \chi_{152}$	.	.
$50572542024949598403750000_1 = \chi_{155}$	.	.
$51324350389558097414062500_1 = \chi_{156}$	.	.
$115165062362004433625000000_1 = \chi_{170}$	.	1
$129572518017902934396764160_1 = \chi_{175}$	1	.
$175867626988794162227008203_1 = \chi_{186}$	1	1

$\varphi_1 = 1_1$	$\varphi_{79} = 139349077065795549092050_1$
$\varphi_{14} = 1109944460516150_1$	$\varphi_{95} = 391009081837477378329599_1$
$\varphi_{21} = 249988542671671350_1$	$\varphi_{132} = 9276682781615790202464046_1$
$\varphi_{52} = 1480279477146615234375_1$	$\varphi_{142} = 18599579083219372449023056_1$
$\varphi_{53} = 1480279477146615234375_2$	$\varphi_{149} = 32724771306338724965039444_1$
$\varphi_{62} = 7226660374088548953650_1$	$\varphi_{154} = 50181532943112121025420401_1$
$\varphi_{70} = 42940402913709544921875_1$	$\varphi_{163} = 79305104268963394281500009_1$
$\varphi_{71} = 42940402913709544921875_2$	$\varphi_{167} = 96562522719830767945508194_1$

Block 2:	φ_2	φ_5	φ_{20}	φ_{25}
$196883_1 = \chi_2$	1	.	.	.
$18538750076_1 = \chi_5$	.	1	.	.
$60359800576579350_1 = \chi_{20}$	.	1	1	.
$2986480825407204125_1 = \chi_{25}$	.	.	1	1
$30815545786259524745_1 = \chi_{32}$	1	.	.	.
$776097192277137500000_1 = \chi_{49}$	.	.	.	.
$918438233727730974720_1 = \chi_{50}$	.	.	.	1
$261575621299360905468750_1 = \chi_{91}$	.	.	.	.
$4004308274823270400000000_1 = \chi_{119}$	.	.	.	.
$5334046162969208352215625_1 = \chi_{122}$	.	.	.	.
$5514132424881463208443904_2 = \chi_{124}$	.	.	.	.
$5514132424881463208443904_3 = \chi_{125}$	.	.	.	.
$7850934959207940600000000_1 = \chi_{130}$	.	.	.	.
$69084859008005036431224066_1 = \chi_{163}$	.	.	.	.
$103354104243912727763091456_1 = \chi_{169}$	.	.	.	.
$177966317773633111417870812_1 = \chi_{187}$	.	.	.	.
$207467089840006711558593750_1 = \chi_{191}$	.	.	.	.

(Block 2:)	φ_{32}	φ_{48}	φ_{49}	φ_{88}
$196883_1 = \chi_2$	.	.	.	.
$18538750076_1 = \chi_5$	.	.	.	.
$60359800576579350_1 = \chi_{20}$	.	.	.	.
$2986480825407204125_1 = \chi_{25}$	.	.	.	.
$30815545786259524745_1 = \chi_{32}$	1	.	.	.
$776097192277137500000_1 = \chi_{49}$	1	1	.	.
$918438233727730974720_1 = \chi_{50}$	.	.	1	.
$261575621299360905468750_1 = \chi_{91}$	.	.	1	1
$4004308274823270400000000_1 = \chi_{119}$	.	.	.	1
$5334046162969208352215625_1 = \chi_{122}$	.	.	.	.
$5514132424881463208443904_2 = \chi_{124}$	.	.	.	.
$5514132424881463208443904_3 = \chi_{125}$	.	.	.	.
$7850934959207940600000000_1 = \chi_{130}$	.	1	.	.
$69084859008005036431224066_1 = \chi_{163}$	.	.	.	.
$103354104243912727763091456_1 = \chi_{169}$	.	.	.	.
$177966317773633111417870812_1 = \chi_{187}$	.	.	.	.
$207467089840006711558593750_1 = \chi_{191}$	.	.	.	.

(Block 2:)	φ_{110}	φ_{120}	φ_{122}
$196883_1 = \chi_2$	.	.	.
$18538750076_1 = \chi_5$	.	.	.
$60359800576579350_1 = \chi_{20}$	.	.	.
$2986480825407204125_1 = \chi_{25}$	.	.	.
$30815545786259524745_1 = \chi_{32}$	.	.	.
$776097192277137500000_1 = \chi_{49}$	.	.	.
$918438233727730974720_1 = \chi_{50}$	.	.	.
$261575621299360905468750_1 = \chi_{91}$	.	.	.
$4004308274823270400000000_1 = \chi_{119}$	.	1	.
$5334046162969208352215625_1 = \chi_{122}$	1	1	.
$5514132424881463208443904_2 = \chi_{124}$	.	.	.
$5514132424881463208443904_3 = \chi_{125}$	.	.	1
$7850934959207940600000000_1 = \chi_{130}$	.	.	.
$69084859008005036431224066_1 = \chi_{163}$	.	.	.
$103354104243912727763091456_1 = \chi_{169}$	1	.	.
$177966317773633111417870812_1 = \chi_{187}$	.	.	1
$207467089840006711558593750_1 = \chi_{191}$	.	.	.

(Block 2:)	φ_{123}	φ_{130}	φ_{157}
$196883_1 = \chi_2$	.	.	.
$18538750076_1 = \chi_5$	.	.	.
$60359800576579350_1 = \chi_{20}$	.	.	.
$2986480825407204125_1 = \chi_{25}$	.	.	.
$30815545786259524745_1 = \chi_{32}$	.	.	.
$776097192277137500000_1 = \chi_{49}$	.	.	.
$918438233727730974720_1 = \chi_{50}$	.	.	.
$261575621299360905468750_1 = \chi_{91}$	.	.	.
$4004308274823270400000000_1 = \chi_{119}$	.	.	.
$5334046162969208352215625_1 = \chi_{122}$	.	.	.
$5514132424881463208443904_2 = \chi_{124}$	1	.	.
$5514132424881463208443904_3 = \chi_{125}$	.	.	.
$7850934959207940600000000_1 = \chi_{130}$	.	1	.
$69084859008005036431224066_1 = \chi_{163}$	.	1	1
$103354104243912727763091456_1 = \chi_{169}$	.	.	.
$177966317773633111417870812_1 = \chi_{187}$	1	.	1
$207467089840006711558593750_1 = \chi_{191}$	.	.	.

(Block 2:)	φ_{168}	φ_{170}
$196883_1 = \chi_2$	.	.
$18538750076_1 = \chi_5$	.	.
$60359800576579350_1 = \chi_{20}$	.	.
$2986480825407204125_1 = \chi_{25}$	.	.
$30815545786259524745_1 = \chi_{32}$	.	.
$776097192277137500000_1 = \chi_{49}$	.	.
$918438233727730974720_1 = \chi_{50}$	.	.
$261575621299360905468750_1 = \chi_{91}$	.	.
$4004308274823270400000000_1 = \chi_{119}$	.	.
$5334046162969208352215625_1 = \chi_{122}$	.	.
$5514132424881463208443904_2 = \chi_{124}$	.	.
$5514132424881463208443904_3 = \chi_{125}$	.	.
$7850934959207940600000000_1 = \chi_{130}$	.	.
$69084859008005036431224066_1 = \chi_{163}$	.	.
$103354104243912727763091456_1 = \chi_{169}$	1	.
$177966317773633111417870812_1 = \chi_{187}$	.	1
$207467089840006711558593750_1 = \chi_{191}$	1	1

$\varphi_2 = 196883_1$	$\varphi_{110} = 1590397997332614496084506_1$
$\varphi_5 = 18538750076_1$	$\varphi_{120} = 3743648165636593856131119_1$
$\varphi_{20} = 60359782037829274_1$	$\varphi_{122} = 5514132424881463208443904_1$
$\varphi_{25} = 2926121043369374851_1$	$\varphi_{123} = 5514132424881463208443904_2$
$\varphi_{32} = 30815545786259327862_1$	$\varphi_{130} = 7850189677561449721827862_1$
$\varphi_{48} = 745281646490878172138_1$	$\varphi_{157} = 61234669330443586709396204_1$
$\varphi_{49} = 915512112684361599869_1$	$\varphi_{168} = 101763706246580113267006950_1$
$\varphi_{88} = 260660109186676543868881_1$	$\varphi_{170} = 105703383593426598291586800_1$

Block 3:	φ_3	φ_7	φ_{22}	φ_{31}
$21296876_1 = \chi_3$	1	.	.	.
$293553734298_1 = \chi_7$	.	1	.	.
$290568421805921077_1 = \chi_{22}$	.	1	1	.
$28585990950721640625_1 = \chi_{31}$	.	.	1	1
$130415350420342968750_1 = \chi_{37}$	1	.	.	.
$1353006807137391674268_1 = \chi_{52}$	.	.	.	.
$114212876389603002704448_1 = \chi_{78}$	.	.	.	1
$115192831837135016250000_1 = \chi_{79}$	.	.	.	.
$14930164283563048960000000_1 = \chi_{140}$	.	.	.	.
$16109407269221032565630370_1 = \chi_{141}$	.	.	.	.
$27501917609709102247187500_1 = \chi_{144}$	.	.	.	.
$41762322738385820195625000_1 = \chi_{151}$	.	.	.	.
$42601474860639579669896397_1 = \chi_{153}$	.	.	.	.
$43527130990147981755651072_1 = \chi_{154}$	.	.	.	.
$124058385593021471188320256_1 = \chi_{172}$	.	.	.	.
$136107644194473772613203125_1 = \chi_{178}$	.	.	.	.
$212490247553365721772656250_1 = \chi_{192}$	.	.	.	.

(Block 3:)	φ_{37}	φ_{51}	φ_{77}	φ_{78}
$21296876_1 = \chi_3$	.	.	.	.
$293553734298_1 = \chi_7$	.	.	.	.
$290568421805921077_1 = \chi_{22}$	.	.	.	.
$28585990950721640625_1 = \chi_{31}$	.	.	.	.
$130415350420342968750_1 = \chi_{37}$	1	.	.	.
$1353006807137391674268_1 = \chi_{52}$	1	1	.	.
$114212876389603002704448_1 = \chi_{78}$	.	.	.	1
$115192831837135016250000_1 = \chi_{79}$	.	1	1	.
$14930164283563048960000000_1 = \chi_{140}$	.	.	.	1
$16109407269221032565630370_1 = \chi_{141}$	.	.	1	.
$27501917609709102247187500_1 = \chi_{144}$	.	.	.	.
$41762322738385820195625000_1 = \chi_{151}$	.	.	.	.
$42601474860639579669896397_1 = \chi_{153}$	.	.	.	.
$43527130990147981755651072_1 = \chi_{154}$	.	.	.	.
$124058385593021471188320256_1 = \chi_{172}$	.	.	.	.
$136107644194473772613203125_1 = \chi_{178}$	.	.	.	.
$212490247553365721772656250_1 = \chi_{192}$	.	.	.	.

(Block 3:)	φ_{138}	φ_{139}	φ_{140}
$21296876_1 = \chi_3$	.	.	.
$293553734298_1 = \chi_7$	.	.	.
$290568421805921077_1 = \chi_{22}$	.	.	.
$28585990950721640625_1 = \chi_{31}$	.	.	.
$130415350420342968750_1 = \chi_{37}$	.	.	.
$1353006807137391674268_1 = \chi_{52}$	.	.	.
$114212876389603002704448_1 = \chi_{78}$	.	.	.
$115192831837135016250000_1 = \chi_{79}$	.	.	.
$14930164283563048960000000_1 = \chi_{140}$	.	1	.
$16109407269221032565630370_1 = \chi_{141}$	.	.	.
$27501917609709102247187500_1 = \chi_{144}$	1	.	1
$41762322738385820195625000_1 = \chi_{151}$	.	1	.
$42601474860639579669896397_1 = \chi_{153}$	.	.	1
$43527130990147981755651072_1 = \chi_{154}$	1	.	.
$124058385593021471188320256_1 = \chi_{172}$	.	.	.
$136107644194473772613203125_1 = \chi_{178}$	.	.	.
$212490247553365721772656250_1 = \chi_{192}$	.	.	.

(Block 3:)	φ_{141}	φ_{145}	φ_{148}
$21296876_1 = \chi_3$	.	.	.
$293553734298_1 = \chi_7$	.	.	.
$290568421805921077_1 = \chi_{22}$	.	.	.
$28585990950721640625_1 = \chi_{31}$	.	.	.
$130415350420342968750_1 = \chi_{37}$	.	.	.
$1353006807137391674268_1 = \chi_{52}$	.	.	.
$114212876389603002704448_1 = \chi_{78}$	.	.	.
$115192831837135016250000_1 = \chi_{79}$	.	.	.
$14930164283563048960000000_1 = \chi_{140}$	.	.	.
$16109407269221032565630370_1 = \chi_{141}$	1	.	.
$27501917609709102247187500_1 = \chi_{144}$	.	.	.
$41762322738385820195625000_1 = \chi_{151}$	.	1	.
$42601474860639579669896397_1 = \chi_{153}$	.	1	.
$43527130990147981755651072_1 = \chi_{154}$	.	.	1
$124058385593021471188320256_1 = \chi_{172}$	1	.	.
$136107644194473772613203125_1 = \chi_{178}$	.	.	1
$212490247553365721772656250_1 = \chi_{192}$	.	.	.

(Block 3:)	φ_{169}	φ_{171}
$21296876_1 = \chi_3$	.	.
$293553734298_1 = \chi_7$	.	.
$290568421805921077_1 = \chi_{22}$	.	.
$28585990950721640625_1 = \chi_{31}$	.	.
$130415350420342968750_1 = \chi_{37}$	.	.
$1353006807137391674268_1 = \chi_{52}$	.	.
$114212876389603002704448_1 = \chi_{78}$	.	.
$115192831837135016250000_1 = \chi_{79}$	.	.
$14930164283563048960000000_1 = \chi_{140}$	.	.
$16109407269221032565630370_1 = \chi_{141}$	.	.
$27501917609709102247187500_1 = \chi_{144}$	.	.
$41762322738385820195625000_1 = \chi_{151}$	.	.
$42601474860639579669896397_1 = \chi_{153}$	.	.
$43527130990147981755651072_1 = \chi_{154}$	.	.
$124058385593021471188320256_1 = \chi_{172}$	.	1
$136107644194473772613203125_1 = \chi_{178}$	1	.
$212490247553365721772656250_1 = \chi_{192}$	1	1

$\varphi_3 = 21296876_1$	$\varphi_{138} = 11846785784859074346166705_1$
$\varphi_7 = 293553734298_1$	$\varphi_{139} = 14815979702596268426749398_1$
$\varphi_{22} = 290568128252186779_1$	$\varphi_{140} = 15655131824850027901020795_1$
$\varphi_{31} = 28295422822469453846_1$	$\varphi_{141} = 15995437028840614619382764_1$
$\varphi_{37} = 130415350420321671874_1$	$\varphi_{145} = 26946343035789551768875602_1$
$\varphi_{51} = 1222591456717070002394_1$	$\varphi_{148} = 31680345205288907409484367_1$
$\varphi_{77} = 113970240380417946247606_1$	$\varphi_{169} = 104427298989184865203718758_1$
$\varphi_{78} = 114184580966780533250602_1$	$\varphi_{171} = 108062948564180856568937492_1$

Block 4:	φ_4	φ_6	φ_{13}	φ_{28}
$842609326_1 = \chi_4$	1	.	.	.
$19360062527_1 = \chi_6$	.	1	.	.
$1044868466775133_1 = \chi_{13}$	.	1	1	.
$3605718753596953125_1 = \chi_{28}$	1	.	.	1
$155943076739182582850_1 = \chi_{38}$	.	.	.	1
$643356925889917747200_1 = \chi_{46}$	.	.	1	.
$6566555764392010419123_1 = \chi_{62}$	.	.	.	.
$91068387388302451493925_1 = \chi_{77}$	.	.	.	.
$600020772685064502392907_1 = \chi_{101}$	.	.	.	.
$626877403613887304040448_1 = \chi_{102}$	.	.	.	.
$626877403613887304040448_2 = \chi_{103}$	.	.	.	.
$655159231073705404921875_1 = \chi_{104}$	.	.	.	.
$8394037047155083487634450_1 = \chi_{131}$	.	.	.	.
$12650882100466187033706250_1 = \chi_{139}$	.	.	.	.
$33684388830359981044531200_1 = \chi_{146}$	.	.	.	.
$37310715211546624000000000_1 = \chi_{148}$	.	.	.	.
$64326163427522624205703125_1 = \chi_{161}$	.	.	.	.

(Block 4:)	φ_{38}	φ_{46}	φ_{61}	φ_{76}
$842609326_1 = \chi_4$	.	.	.	.
$19360062527_1 = \chi_6$	.	.	.	.
$1044868466775133_1 = \chi_{13}$	.	.	.	.
$3605718753596953125_1 = \chi_{28}$	.	.	.	.
$155943076739182582850_1 = \chi_{38}$	1	.	.	.
$643356925889917747200_1 = \chi_{46}$	.	1	.	.
$6566555764392010419123_1 = \chi_{62}$	.	1	1	.
$91068387388302451493925_1 = \chi_{77}$	1	.	.	1
$600020772685064502392907_1 = \chi_{101}$	.	.	.	1
$626877403613887304040448_1 = \chi_{102}$	.	.	.	.
$626877403613887304040448_2 = \chi_{103}$	.	.	.	.
$655159231073705404921875_1 = \chi_{104}$	.	.	1	.
$8394037047155083487634450_1 = \chi_{131}$	.	.	.	.
$12650882100466187033706250_1 = \chi_{139}$	.	.	.	.
$33684388830359981044531200_1 = \chi_{146}$	.	.	.	.
$37310715211546624000000000_1 = \chi_{148}$	.	.	.	.
$64326163427522624205703125_1 = \chi_{161}$	.	.	.	.

(Block 4:)	φ_{98}	φ_{101}	φ_{102}
$842609326_1 = \chi_4$	.	.	.
$19360062527_1 = \chi_6$	.	.	.
$1044868466775133_1 = \chi_{13}$	.	.	.
$3605718753596953125_1 = \chi_{28}$	.	.	.
$155943076739182582850_1 = \chi_{38}$	.	.	.
$643356925889917747200_1 = \chi_{46}$	.	.	.
$6566555764392010419123_1 = \chi_{62}$	.	.	.
$91068387388302451493925_1 = \chi_{77}$	.	.	.
$600020772685064502392907_1 = \chi_{101}$	1	.	.
$626877403613887304040448_1 = \chi_{102}$	.	.	1
$626877403613887304040448_2 = \chi_{103}$	.	1	.
$655159231073705404921875_1 = \chi_{104}$	.	.	.
$8394037047155083487634450_1 = \chi_{131}$	.	1	1
$12650882100466187033706250_1 = \chi_{139}$	.	.	.
$33684388830359981044531200_1 = \chi_{146}$	.	.	.
$37310715211546624000000000_1 = \chi_{148}$	1	.	.
$64326163427522624205703125_1 = \chi_{161}$	.	.	.

(Block 4:)	φ_{103}	φ_{124}	φ_{125}
$842609326_1 = \chi_4$	.	.	.
$19360062527_1 = \chi_6$	.	.	.
$1044868466775133_1 = \chi_{13}$	.	.	.
$3605718753596953125_1 = \chi_{28}$	.	.	.
$155943076739182582850_1 = \chi_{38}$	.	.	.
$643356925889917747200_1 = \chi_{46}$	.	.	.
$6566555764392010419123_1 = \chi_{62}$	.	.	.
$91068387388302451493925_1 = \chi_{77}$	.	.	.
$600020772685064502392907_1 = \chi_{101}$	.	.	.
$626877403613887304040448_1 = \chi_{102}$	.	.	.
$626877403613887304040448_2 = \chi_{103}$	.	.	.
$655159231073705404921875_1 = \chi_{104}$	1	.	.
$8394037047155083487634450_1 = \chi_{131}$	1	.	1
$12650882100466187033706250_1 = \chi_{139}$	.	1	1
$33684388830359981044531200_1 = \chi_{146}$	.	1	.
$37310715211546624000000000_1 = \chi_{148}$	.	.	.
$64326163427522624205703125_1 = \chi_{161}$	.	.	.

(Block 4:)	φ_{146}	φ_{151}
$842609326_1 = \chi_4$	.	.
$19360062527_1 = \chi_6$	.	.
$1044868466775133_1 = \chi_{13}$	.	.
$3605718753596953125_1 = \chi_{28}$	.	.
$155943076739182582850_1 = \chi_{38}$	.	.
$643356925889917747200_1 = \chi_{46}$	.	.
$6566555764392010419123_1 = \chi_{62}$	.	.
$91068387388302451493925_1 = \chi_{77}$	.	.
$600020772685064502392907_1 = \chi_{101}$	.	.
$626877403613887304040448_1 = \chi_{102}$	.	.
$626877403613887304040448_2 = \chi_{103}$	.	.
$655159231073705404921875_1 = \chi_{104}$	.	.
$8394037047155083487634450_1 = \chi_{131}$	.	.
$12650882100466187033706250_1 = \chi_{139}$	.	.
$33684388830359981044531200_1 = \chi_{146}$	1	.
$37310715211546624000000000_1 = \chi_{148}$	.	1
$64326163427522624205703125_1 = \chi_{161}$	1	1

$\varphi_4 = 842609326_1$	$\varphi_{98} = 509104722654748479138033_1$
$\varphi_6 = 19360062527_1$	$\varphi_{101} = 626877403613887304040448_1$
$\varphi_{13} = 1044849106712606_1$	$\varphi_{102} = 626877403613887304040448_2$
$\varphi_{28} = 3605718752754343799_1$	$\varphi_{103} = 649236031190354205537346_1$
$\varphi_{38} = 152337357986428239051_1$	$\varphi_{124} = 6159835891729232359690042_1$
$\varphi_{46} = 643355881040811034594_1$	$\varphi_{125} = 6491046208736954674016208_1$
$\varphi_{61} = 5923199883351199384529_1$	$\varphi_{146} = 27524552938630748684841158_1$
$\varphi_{76} = 90916050030316023254874_1$	$\varphi_{151} = 36801610488891875520861967_1$

Block 5:	φ_8	φ_{15}	φ_{29}	φ_{47}	φ_{60}
$3879214937598_1 = \chi_8$	1	.	.	.	.
$2374124840062976_1 = \chi_{15}$	1	1	.	.	.
$8456836343580310400_1 = \chi_{29}$	.	1	1	.	.
$691170144025469730622_1 = \chi_{47}$	.	.	.	1	.
$691170144025469730622_2 = \chi_{48}$	.	.	.	1	.
$5578077210155766091776_1 = \chi_{61}$	.	.	1	.	1
$1599110387863558882812500_1 = \chi_{111}$	.	.	.	.	1
$2181694185821505680397072_1 = \chi_{113}$	.	.	.	1	.
$4926670174323484069683200_1 = \chi_{121}$	.	.	.	.	.
$5514132424881463208443904_1 = \chi_{123}$	.	.	.	.	.

(Block 5:)	φ_{111}	φ_{113}	φ_{117}
$3879214937598_1 = \chi_8$	.	.	.
$2374124840062976_1 = \chi_{15}$	.	.	.
$8456836343580310400_1 = \chi_{29}$	.	.	.
$691170144025469730622_1 = \chi_{47}$	.	.	.
$691170144025469730622_2 = \chi_{48}$	.	.	.
$5578077210155766091776_1 = \chi_{61}$	.	.	.
$1599110387863558882812500_1 = \chi_{111}$	1	.	.
$2181694185821505680397072_1 = \chi_{113}$	.	1	.
$4926670174323484069683200_1 = \chi_{121}$	1	.	1
$5514132424881463208443904_1 = \chi_{123}$	.	1	1

$$\begin{array}{ll}
\varphi_8 = 3879214937598_1 & \varphi_{60} = 5569622744057810906754_1 \\
\varphi_{15} = 2370245625125378_1 & \varphi_{111} = 1593540765119501071905746_1 \\
\varphi_{29} = 8454466097955185022_1 & \varphi_{113} = 2181003015677480210666450_1 \\
\varphi_{47} = 691170144025469730622_1 & \varphi_{117} = 3333129409203982997777454_1
\end{array}$$