

$M \pmod{31}$

	blocks	defect	matrix
$G :$	1	1	17×15
	2	1	17×15
	3	0	$21296876_1 = \chi_3, \varphi_3$
	4	0	$842609326_1 = \chi_4, \varphi_4$
	5	0	$18538750076_1 = \chi_5, \varphi_5$
	6	1	17×15
	7	0	$36173193327999_1 = \chi_9, \varphi_9$
	8	0	$125510727015275_1 = \chi_{10}, \varphi_{10}$
	9	0	$222879856734249_1 = \chi_{12}, \varphi_{12}$
	10	0	$1109944460516150_1 = \chi_{14}, \varphi_{14}$
	11	0	$2374124840062976_1 = \chi_{15}, \varphi_{15}$
	12	0	$15178147608537368_1 = \chi_{18}, \varphi_{18}$
	13	0	$39660520552077425_1 = \chi_{19}, \varphi_{19}$
	14	0	$251098487132187500_1 = \chi_{21}, \varphi_{21}$
	15	0	$336041615485626050_1 = \chi_{23}, \varphi_{23}$
	16	0	$2500435234254428856_1 = \chi_{24}, \varphi_{24}$
	17	0	$2986480825407204125_1 = \chi_{25}, \varphi_{25}$
	18	0	$3605718753596953125_1 = \chi_{28}, \varphi_{27}$
	19	0	$8456836343580310400_1 = \chi_{29}, \varphi_{28}$
	20	0	$28585990950721640625_1 = \chi_{31}, \varphi_{30}$
	21	0	$30815545786259524745_1 = \chi_{32}, \varphi_{31}$
	22	0	$31569817307122699605_1 = \chi_{33}, \varphi_{32}$
	23	0	$47377503606648784400_1 = \chi_{34}, \varphi_{33}$
	24	0	$49609712911192813665_1 = \chi_{35}, \varphi_{34}$
	25	0	$155943076739182582850_1 = \chi_{38}, \varphi_{37}$
	26	0	$172399434201593354756_1 = \chi_{39}, \varphi_{39}$
	$27 = \overline{26}$	0	$172399434201593354756_2 = \chi_{40}, \varphi_{38}$
	28	0	$640558364167263622626_1 = \chi_{44}, \varphi_{44}$
	$29 = \overline{28}$	0	$640558364167263622626_2 = \chi_{45}, \varphi_{43}$
	30	0	$643356925889917747200_1 = \chi_{46}, \varphi_{45}$
	31	0	$691170144025469730622_1 = \chi_{47}, \varphi_{47}$
	$32 = \overline{31}$	0	$691170144025469730622_2 = \chi_{48}, \varphi_{46}$
	33	0	$776097192277137500000_1 = \chi_{49}, \varphi_{48}$
	34	0	$918438233727730974720_1 = \chi_{50}, \varphi_{49}$
	35	0	$1201241700908448332364_1 = \chi_{51}, \varphi_{50}$
	36	0	$1353006807137391674268_1 = \chi_{52}, \varphi_{51}$
	37	0	$1480279477146615234375_1 = \chi_{53}, \varphi_{53}$
	$38 = \overline{37}$	0	$1480279477146615234375_2 = \chi_{54}, \varphi_{52}$
	39	0	$2351753641814605348320_1 = \chi_{57}, \varphi_{56}$
	40	0	$2382987417506242421875_1 = \chi_{58}, \varphi_{57}$

	blocks	defect	matrix
	41	0	$4567199176912486400000_1 = \chi_{59}, \varphi_{59}$
	$42 = \overline{41}$	0	$4567199176912486400000_2 = \chi_{60}, \varphi_{58}$
	43	0	$5578077210155766091776_1 = \chi_{61}, \varphi_{60}$
	44	0	$6566555764392010419123_1 = \chi_{62}, \varphi_{61}$
	45	0	$7226910362631220625000_1 = \chi_{63}, \varphi_{62}$
	46	0	$10145274012943412428800_1 = \chi_{64}, \varphi_{63}$
	47	0	$19795913912408993711352_1 = \chi_{66}, \varphi_{65}$
	48	0	$21803647757861753437500_1 = \chi_{67}, \varphi_{66}$
	49	0	$24670833602960142274950_1 = \chi_{68}, \varphi_{67}$
	50	0	$41209556844092914062500_1 = \chi_{70}, \varphi_{69}$
	51	0	$42940402913709544921875_1 = \chi_{71}, \varphi_{71}$
	$52 = \overline{51}$	0	$42940402913709544921875_2 = \chi_{72}, \varphi_{70}$
	53	0	$70660346341309333984375_1 = \chi_{74}, \varphi_{74}$
	$54 = \overline{53}$	0	$70660346341309333984375_2 = \chi_{75}, \varphi_{73}$
	55	0	$86551489469233273849000_1 = \chi_{76}, \varphi_{75}$
	56	0	$91068387388302451493925_1 = \chi_{77}, \varphi_{76}$
	57	0	$114212876389603002704448_1 = \chi_{78}, \varphi_{77}$
	58	0	$115192831837135016250000_1 = \chi_{79}, \varphi_{78}$
	59	0	$146575737439884098045700_1 = \chi_{80}, \varphi_{79}$
	60	0	$149614794149226010902528_1 = \chi_{81}, \varphi_{81}$
	$61 = \overline{60}$	0	$149614794149226010902528_2 = \chi_{82}, \varphi_{80}$
	62	0	$161649111002260792968750_1 = \chi_{83}, \varphi_{83}$
	$63 = \overline{62}$	0	$161649111002260792968750_2 = \chi_{84}, \varphi_{82}$
	64	0	$191259085113459945312500_1 = \chi_{85}, \varphi_{85}$
	$65 = \overline{64}$	0	$191259085113459945312500_2 = \chi_{86}, \varphi_{84}$
	66	0	$218028402153522030021875_1 = \chi_{87}, \varphi_{86}$
	67	0	$220326476909636307378168_1 = \chi_{88}, \varphi_{87}$
	68	0	$260799524107083767968750_1 = \chi_{89}, \varphi_{89}$
	$69 = \overline{68}$	0	$260799524107083767968750_2 = \chi_{90}, \varphi_{88}$
	70	0	$261575621299360905468750_1 = \chi_{91}, \varphi_{90}$
	71	0	$277540481294528814140625_1 = \chi_{92}, \varphi_{91}$
	72	0	$303379038247015811718750_1 = \chi_{93}, \varphi_{92}$
	73	0	$331150814995116217581480_1 = \chi_{94}, \varphi_{93}$
	74	0	$351532203382732066094400_1 = \chi_{95}, \varphi_{94}$
	75	0	$391009081837477378329600_1 = \chi_{96}, \varphi_{95}$
	76	0	$433528694560598978525184_1 = \chi_{98}, \varphi_{97}$
	77	0	$597787522207315571077947_1 = \chi_{99}, \varphi_{99}$
	$78 = \overline{77}$	0	$597787522207315571077947_2 = \chi_{100}, \varphi_{98}$
	79	0	$600020772685064502392907_1 = \chi_{101}, \varphi_{100}$
	80	0	$626877403613887304040448_1 = \chi_{102}, \varphi_{102}$

	blocks	defect	matrix
	81 = $\overline{80}$	0	626877403613887304040448 ₂ = $\chi_{103}, \varphi_{101}$
	82	0	655159231073705404921875 ₁ = $\chi_{104}, \varphi_{103}$
	83	0	1037605886984697481755304 ₁ = $\chi_{109}, \varphi_{106}$
	84	0	1361549126105752982272875 ₁ = $\chi_{110}, \varphi_{107}$
	85	0	1662686180483865572016128 ₁ = $\chi_{112}, \varphi_{109}$
	86	0	2181694185821505680397072 ₁ = $\chi_{113}, \varphi_{111}$
	87	0	2477548750555298068681032 ₁ = $\chi_{115}, \varphi_{112}$
	88	0	3282510540283631442175104 ₁ = $\chi_{116}, \varphi_{114}$
	89	0	3537292796538741415074900 ₁ = $\chi_{117}, \varphi_{115}$
	90	0	3619209050774375426792424 ₁ = $\chi_{118}, \varphi_{116}$
	91	0	4004308274823270400000000 ₁ = $\chi_{119}, \varphi_{117}$
	92	0	4239315652979009728125000 ₁ = $\chi_{120}, \varphi_{118}$
	93	0	7118465328761788475375616 ₁ = $\chi_{126}, \varphi_{125}$
	94	0	7567151576542452425781250 ₁ = $\chi_{128}, \varphi_{127}$
	95 = $\overline{94}$	0	7567151576542452425781250 ₂ = $\chi_{129}, \varphi_{126}$
	96	0	7850934959207940600000000 ₁ = $\chi_{130}, \varphi_{128}$
	97	0	8394037047155083487634450 ₁ = $\chi_{131}, \varphi_{129}$
	98	0	8874260875527017936065100 ₁ = $\chi_{132}, \varphi_{130}$
	99	0	9416031858681585751556096 ₁ = $\chi_{133}, \varphi_{132}$
	100	0	9479495745805305653125000 ₁ = $\chi_{134}, \varphi_{133}$
	101	0	9592298143650890255171584 ₁ = $\chi_{135}, \varphi_{135}$
	102 = $\overline{101}$	0	9592298143650890255171584 ₂ = $\chi_{136}, \varphi_{134}$
	103	0	12650882100466187033706250 ₁ = $\chi_{139}, \varphi_{136}$
	104	0	16109407269221032565630370 ₁ = $\chi_{141}, \varphi_{138}$
	105	0	22626621365160537099927552 ₁ = $\chi_{142}, \varphi_{139}$
	106	0	24546384719289825598186695 ₁ = $\chi_{143}, \varphi_{140}$
	107	0	27501917609709102247187500 ₁ = $\chi_{144}, \varphi_{141}$
	108	0	29734941419909382162874368 ₁ = $\chi_{145}, \varphi_{145}$
	109	0	33722191327002668157047380 ₁ = $\chi_{147}, \varphi_{146}$
	110	0	38471795739256565080575180 ₁ = $\chi_{149}, \varphi_{147}$
	111	0	41738941151243953804687500 ₁ = $\chi_{150}, \varphi_{148}$
	112	0	41762322738385820195625000 ₁ = $\chi_{151}, \varphi_{149}$
	113	0	42001454087954515167503490 ₁ = $\chi_{152}, \varphi_{150}$
	114	0	42601474860639579669896397 ₁ = $\chi_{153}, \varphi_{151}$
	115	0	43527130990147981755651072 ₁ = $\chi_{154}, \varphi_{152}$
	116	0	50572542024949598403750000 ₁ = $\chi_{155}, \varphi_{154}$
	117	0	51324350389558097414062500 ₁ = $\chi_{156}, \varphi_{155}$
	118	0	58437394633227526183321600 ₁ = $\chi_{158}, \varphi_{156}$
	119	0	62038057486792249132974080 ₁ = $\chi_{159}, \varphi_{157}$
	120	0	64326163427522624205703125 ₁ = $\chi_{161}, \varphi_{158}$

	blocks	defect	matrix
	121	0	66550339514356152000000000 ₁ = $\chi_{162}, \varphi_{159}$
	122	0	74612213529720383654779356 ₁ = $\chi_{164}, \varphi_{161}$
	123	0	77423398454853064646282250 ₁ = $\chi_{165}, \varphi_{162}$
	124	0	83974774459050335630859375 ₁ = $\chi_{166}, \varphi_{164}$
	125	0	88943820620288343261672393 ₁ = $\chi_{168}, \varphi_{165}$
	126	0	103354104243912727763091456 ₁ = $\chi_{169}, \varphi_{166}$
	127	0	115165062362004433625000000 ₁ = $\chi_{170}, \varphi_{167}$
	128	0	121170799240938738783416925 ₁ = $\chi_{171}, \varphi_{168}$
	129	0	124058385593021471188320256 ₁ = $\chi_{172}, \varphi_{169}$
	130	0	124982156072747647257292800 ₁ = $\chi_{173}, \varphi_{170}$
	131	0	125517264890136048242396811 ₁ = $\chi_{174}, \varphi_{171}$
	132	0	130287135266837289237316743 ₁ = $\chi_{176}, \varphi_{172}$
	133	0	135226984222789977095703125 ₁ = $\chi_{177}, \varphi_{174}$
	134	0	136107644194473772613203125 ₁ = $\chi_{178}, \varphi_{175}$
	135	0	136574874874360806036041889 ₁ = $\chi_{179}, \varphi_{177}$
	136	0	136574874874360806036041889 ₂ = $\chi_{180}, \varphi_{176}$
	137	0	161561864971171113287540625 ₁ = $\chi_{182}, \varphi_{178}$
	138	0	163216709667196367710937500 ₁ = $\chi_{183}, \varphi_{179}$
	139	0	172248852397651745653437500 ₁ = $\chi_{184}, \varphi_{180}$
	140	0	175867626988794162227008203 ₁ = $\chi_{186}, \varphi_{182}$
	141	0	177966317773633111417870812 ₁ = $\chi_{187}, \varphi_{183}$
	142	0	198203900044423845494482560 ₁ = $\chi_{188}, \varphi_{184}$
	143	0	200390867219082687273984375 ₁ = $\chi_{189}, \varphi_{185}$
	144	0	207467089840006711558593750 ₁ = $\chi_{191}, \varphi_{186}$
	145	0	212490247553365721772656250 ₁ = $\chi_{192}, \varphi_{187}$
	146	0	258823477531055064045234375 ₁ = $\chi_{194}, \varphi_{188}$

Block 1:	φ_1	φ_{11}	φ_{16}	φ_{17}
$1_1 = \chi_1$	1	.	.	.
$190292345709543_1 = \chi_{11}$	1	1	.	.
$8980616927734375_1 = \chi_{16}$.	.	.	1
$8980616927734375_2 = \chi_{17}$.	.	1	.
$290568421805921077_1 = \chi_{22}$.	1	.	.
$8754193822112578125_1 = \chi_{30}$
$12810005542623250817856_1 = \chi_{65}$
$689763222744895005949242_1 = \chi_{105}$
$689763222744895005949242_2 = \chi_{106}$
$1599110387863558882812500_1 = \chi_{111}$
$5514132424881463208443904_1 = \chi_{123}$
$7375892500409609408203125_1 = \chi_{127}$
$9592584386918582979657728_1 = \chi_{137}$
$1493016428356304896000000_1 = \chi_{140}$
$63750812845035828079008441_1 = \chi_{160}$
$86206621680977834911875000_1 = \chi_{167}$
$129572518017902934396764160_1 = \chi_{175}$.	.	1	1

(Block 1:)	φ_{22}	φ_{29}	φ_{64}
$1_1 = \chi_1$.	.	.
$190292345709543_1 = \chi_{11}$.	.	.
$8980616927734375_1 = \chi_{16}$.	.	.
$8980616927734375_2 = \chi_{17}$.	.	.
$290568421805921077_1 = \chi_{22}$	1	.	.
$8754193822112578125_1 = \chi_{30}$	1	1	.
$12810005542623250817856_1 = \chi_{65}$.	1	1
$689763222744895005949242_1 = \chi_{105}$.	.	.
$689763222744895005949242_2 = \chi_{106}$.	.	.
$1599110387863558882812500_1 = \chi_{111}$.	.	1
$5514132424881463208443904_1 = \chi_{123}$.	.	.
$7375892500409609408203125_1 = \chi_{127}$.	.	.
$9592584386918582979657728_1 = \chi_{137}$.	.	.
$1493016428356304896000000_1 = \chi_{140}$.	.	.
$63750812845035828079008441_1 = \chi_{160}$.	.	.
$86206621680977834911875000_1 = \chi_{167}$.	.	.
$129572518017902934396764160_1 = \chi_{175}$.	.	.

(Block 1:)	φ_{104}	φ_{108}	φ_{113}
$1_1 = \chi_1$.	.	.
$190292345709543_1 = \chi_{11}$.	.	.
$8980616927734375_1 = \chi_{16}$.	.	.
$8980616927734375_2 = \chi_{17}$.	.	.
$290568421805921077_1 = \chi_{22}$.	.	.
$8754193822112578125_1 = \chi_{30}$.	.	.
$12810005542623250817856_1 = \chi_{65}$.	.	.
$689763222744895005949242_1 = \chi_{105}$	1	.	.
$689763222744895005949242_2 = \chi_{106}$	1	.	.
$1599110387863558882812500_1 = \chi_{111}$.	1	.
$5514132424881463208443904_1 = \chi_{123}$	1	.	.
$7375892500409609408203125_1 = \chi_{127}$.	.	1
$9592584386918582979657728_1 = \chi_{137}$.	.	1
$1493016428356304896000000_1 = \chi_{140}$.	1	.
$63750812845035828079008441_1 = \chi_{160}$.	.	.
$86206621680977834911875000_1 = \chi_{167}$.	.	.
$129572518017902934396764160_1 = \chi_{175}$.	.	.

(Block 1:)	φ_{120}	φ_{124}	φ_{137}
$1_1 = \chi_1$.	.	.
$190292345709543_1 = \chi_{11}$.	.	.
$8980616927734375_1 = \chi_{16}$.	.	.
$8980616927734375_2 = \chi_{17}$.	.	.
$290568421805921077_1 = \chi_{22}$.	.	.
$8754193822112578125_1 = \chi_{30}$.	.	.
$12810005542623250817856_1 = \chi_{65}$.	.	.
$689763222744895005949242_1 = \chi_{105}$.	.	.
$689763222744895005949242_2 = \chi_{106}$.	.	.
$1599110387863558882812500_1 = \chi_{111}$.	.	.
$5514132424881463208443904_1 = \chi_{123}$	1	.	.
$7375892500409609408203125_1 = \chi_{127}$	1	.	.
$9592584386918582979657728_1 = \chi_{137}$.	1	.
$1493016428356304896000000_1 = \chi_{140}$.	.	1
$63750812845035828079008441_1 = \chi_{160}$.	.	1
$86206621680977834911875000_1 = \chi_{167}$.	1	.
$129572518017902934396764160_1 = \chi_{175}$.	.	.

(Block 1:)	φ_{153}	φ_{163}
$1_1 = \chi_1$.	.
$190292345709543_1 = \chi_{11}$.	.
$8980616927734375_1 = \chi_{16}$.	.
$8980616927734375_2 = \chi_{17}$.	.
$290568421805921077_1 = \chi_{22}$.	.
$8754193822112578125_1 = \chi_{30}$.	.
$12810005542623250817856_1 = \chi_{65}$.	.
$689763222744895005949242_1 = \chi_{105}$.	.
$689763222744895005949242_2 = \chi_{106}$.	.
$1599110387863558882812500_1 = \chi_{111}$.	.
$5514132424881463208443904_1 = \chi_{123}$.	.
$7375892500409609408203125_1 = \chi_{127}$.	.
$9592584386918582979657728_1 = \chi_{137}$.	.
$1493016428356304896000000_1 = \chi_{140}$.	.
$63750812845035828079008441_1 = \chi_{160}$	1	.
$86206621680977834911875000_1 = \chi_{167}$.	1
$129572518017902934396764160_1 = \chi_{175}$	1	1

$\varphi_1 = 1_1$	$\varphi_{108} = 1586308846136628284361234_1$
$\varphi_{11} = 190292345709542_1$	$\varphi_{113} = 2551523298273041205708463_1$
$\varphi_{16} = 8980616927734375_1$	$\varphi_{120} = 4824369202136568202494662_1$
$\varphi_{17} = 8980616927734375_2$	$\varphi_{124} = 7041061088645541773949265_1$
$\varphi_{22} = 290378129460211535_1$	$\varphi_{137} = 13343855437426420675638766_1$
$\varphi_{29} = 8463815692652366590_1$	$\varphi_{153} = 50406957407609407403369675_1$
$\varphi_{64} = 12801541726930598451266_1$	$\varphi_{163} = 79165560592332293137925735_1$
$\varphi_{104} = 689763222744895005949242_1$	

Block 2:	φ_2	φ_7	φ_{13}	φ_{36}
$196883_1 = \chi_2$	1	.	.	.
$293553734298_1 = \chi_7$	1	1	.	.
$1044868466775133_1 = \chi_{13}$.	1	1	.
$130415350420342968750_1 = \chi_{37}$.	.	1	1
$379913824694312370176_1 = \chi_{43}$.	.	.	1
$1768130802583126953125_1 = \chi_{55}$
$1768130802583126953125_2 = \chi_{56}$
$60683762052057587326065_1 = \chi_{73}$
$689766726179555080994223_1 = \chi_{107}$
$689766726179555080994223_2 = \chi_{108}$
$2216343020913351966796875_1 = \chi_{114}$
$10023854998171489083984375_1 = \chi_{138}$
$3731071521154662400000000_1 = \chi_{148}$
$56356433273146675005489152_1 = \chi_{157}$
$69084859008005036431224066_1 = \chi_{163}$
$203314261261157852274218750_1 = \chi_{190}$
$241866941438795926688759808_1 = \chi_{193}$

(Block 2:)	φ_{40}	φ_{54}	φ_{55}	φ_{72}
$196883_1 = \chi_2$
$293553734298_1 = \chi_7$
$1044868466775133_1 = \chi_{13}$
$130415350420342968750_1 = \chi_{37}$
$379913824694312370176_1 = \chi_{43}$	1	.	.	.
$1768130802583126953125_1 = \chi_{55}$.	.	1	.
$1768130802583126953125_2 = \chi_{56}$.	1	.	.
$60683762052057587326065_1 = \chi_{73}$	1	.	.	1
$689766726179555080994223_1 = \chi_{107}$
$689766726179555080994223_2 = \chi_{108}$
$2216343020913351966796875_1 = \chi_{114}$.	.	.	1
$10023854998171489083984375_1 = \chi_{138}$
$3731071521154662400000000_1 = \chi_{148}$
$56356433273146675005489152_1 = \chi_{157}$
$69084859008005036431224066_1 = \chi_{163}$
$203314261261157852274218750_1 = \chi_{190}$
$241866941438795926688759808_1 = \chi_{193}$.	1	1	.

(Block 2:)	φ_{105}	φ_{110}	φ_{131}
$196883_1 = \chi_2$.	.	.
$293553734298_1 = \chi_7$.	.	.
$1044868466775133_1 = \chi_{13}$.	.	.
$130415350420342968750_1 = \chi_{37}$.	.	.
$379913824694312370176_1 = \chi_{43}$.	.	.
$1768130802583126953125_1 = \chi_{55}$.	.	.
$1768130802583126953125_2 = \chi_{56}$.	.	.
$60683762052057587326065_1 = \chi_{73}$.	.	.
$689766726179555080994223_1 = \chi_{107}$	1	.	.
$689766726179555080994223_2 = \chi_{108}$	1	.	.
$2216343020913351966796875_1 = \chi_{114}$.	1	.
$10023854998171489083984375_1 = \chi_{138}$	1	.	1
$3731071521154662400000000_1 = \chi_{148}$.	.	1
$56356433273146675005489152_1 = \chi_{157}$.	.	.
$69084859008005036431224066_1 = \chi_{163}$.	1	.
$203314261261157852274218750_1 = \chi_{190}$.	.	.
$241866941438795926688759808_1 = \chi_{193}$.	.	.

(Block 2:)	φ_{142}	φ_{143}	φ_{160}
$196883_1 = \chi_2$.	.	.
$293553734298_1 = \chi_7$.	.	.
$1044868466775133_1 = \chi_{13}$.	.	.
$130415350420342968750_1 = \chi_{37}$.	.	.
$379913824694312370176_1 = \chi_{43}$.	.	.
$1768130802583126953125_1 = \chi_{55}$.	.	.
$1768130802583126953125_2 = \chi_{56}$.	.	.
$60683762052057587326065_1 = \chi_{73}$.	.	.
$689766726179555080994223_1 = \chi_{107}$.	.	.
$689766726179555080994223_2 = \chi_{108}$.	.	.
$2216343020913351966796875_1 = \chi_{114}$.	.	.
$10023854998171489083984375_1 = \chi_{138}$.	.	.
$3731071521154662400000000_1 = \chi_{148}$	1	.	.
$56356433273146675005489152_1 = \chi_{157}$	1	1	.
$69084859008005036431224066_1 = \chi_{163}$.	.	1
$203314261261157852274218750_1 = \chi_{190}$.	1	.
$241866941438795926688759808_1 = \chi_{193}$.	.	1

(Block 2:)	φ_{181}
196883 ₁ = χ_2	.
293553734298 ₁ = χ_7	.
1044868466775133 ₁ = χ_{13}	.
130415350420342968750 ₁ = χ_{37}	.
379913824694312370176 ₁ = χ_{43}	.
1768130802583126953125 ₁ = χ_{55}	.
1768130802583126953125 ₂ = χ_{56}	.
60683762052057587326065 ₁ = χ_{73}	.
689766726179555080994223 ₁ = χ_{107}	.
689766726179555080994223 ₂ = χ_{108}	.
2216343020913351966796875 ₁ = χ_{114}	.
10023854998171489083984375 ₁ = χ_{138}	.
3731071521154662400000000 ₁ = χ_{148}	.
56356433273146675005489152 ₁ = χ_{157}	.
69084859008005036431224066 ₁ = χ_{163}	.
203314261261157852274218750 ₁ = χ_{190}	1
241866941438795926688759808 ₁ = χ_{193}	1

φ_2 = 196883 ₁	φ_{105} = 689766726179555080994223 ₁
φ_7 = 293553537415 ₁	φ_{110} = 2155908758380143262109954 ₁
φ_{13} = 1044574913237718 ₁	φ_{131} = 9334088271991934002990152 ₁
φ_{36} = 130414305845429731032 ₁	φ_{142} = 27976626939554689997009848 ₁
φ_{40} = 249499518848882639144 ₁	φ_{143} = 28379806333591985008479304 ₁
φ_{54} = 1768130802583126953125 ₁	φ_{160} = 66928950249624893169114112 ₁
φ_{55} = 1768130802583126953125 ₂	φ_{181} = 174934454927565867265739446 ₁
φ_{72} = 60434262533208704686921 ₁	

Block 6:	φ_6	φ_8	φ_{20}	φ_{26}
19360062527 ₁ = χ_6	1	.	.	.
3879214937598 ₁ = χ_8	1	1	.	.
60359800576579350 ₁ = χ_{20}	.	1	1	.
3503434660075044981 ₁ = χ_{26}	.	.	.	1
3503434660075044981 ₂ = χ_{27}	.	.	.	1
77316619273928125000 ₁ = χ_{36}	.	.	1	.
286243267692724486144 ₁ = χ_{41}
286243267692724486144 ₂ = χ_{42}
31714653744947491918600 ₁ = χ_{69}	.	.	.	1
392611651975065600000000 ₁ = χ_{97}
4926670174323484069683200 ₁ = χ_{121}
5334046162969208352215625 ₁ = χ_{122}
5514132424881463208443904 ₂ = χ_{124}
5514132424881463208443904 ₃ = χ_{125}
33684388830359981044531200 ₁ = χ_{146}
138988549876584520148320256 ₁ = χ_{181}
173865305251972140447265625 ₁ = χ_{185}

(Block 6:)	φ_{35}	φ_{41}	φ_{42}	φ_{68}
19360062527 ₁ = χ_6
3879214937598 ₁ = χ_8
60359800576579350 ₁ = χ_{20}
3503434660075044981 ₁ = χ_{26}
3503434660075044981 ₂ = χ_{27}
77316619273928125000 ₁ = χ_{36}	1	.	.	.
286243267692724486144 ₁ = χ_{41}	.	.	1	.
286243267692724486144 ₂ = χ_{42}	.	1	.	.
31714653744947491918600 ₁ = χ_{69}	.	.	.	1
392611651975065600000000 ₁ = χ_{97}	1	.	.	.
4926670174323484069683200 ₁ = χ_{121}
5334046162969208352215625 ₁ = χ_{122}	.	1	1	1
5514132424881463208443904 ₂ = χ_{124}
5514132424881463208443904 ₃ = χ_{125}
33684388830359981044531200 ₁ = χ_{146}
138988549876584520148320256 ₁ = χ_{181}
173865305251972140447265625 ₁ = χ_{185}

(Block 6:)	φ_{96}	φ_{119}	φ_{121}
19360062527 ₁ = χ_6	.	.	.
3879214937598 ₁ = χ_8	.	.	.
60359800576579350 ₁ = χ_{20}	.	.	.
3503434660075044981 ₁ = χ_{26}	.	.	.
3503434660075044981 ₂ = χ_{27}	.	.	.
77316619273928125000 ₁ = χ_{36}	.	.	.
286243267692724486144 ₁ = χ_{41}	.	.	.
286243267692724486144 ₂ = χ_{42}	.	.	.
31714653744947491918600 ₁ = χ_{69}	.	.	.
392611651975065600000000 ₁ = χ_{97}	1	.	.
4926670174323484069683200 ₁ = χ_{121}	1	1	.
5334046162969208352215625 ₁ = χ_{122}	.	.	1
5514132424881463208443904 ₂ = χ_{124}	.	.	.
5514132424881463208443904 ₃ = χ_{125}	.	.	.
33684388830359981044531200 ₁ = χ_{146}	.	1	.
138988549876584520148320256 ₁ = χ_{181}	.	.	1
173865305251972140447265625 ₁ = χ_{185}	.	.	.

(Block 6:)	φ_{122}	φ_{123}	φ_{144}
19360062527 ₁ = χ_6	.	.	.
3879214937598 ₁ = χ_8	.	.	.
60359800576579350 ₁ = χ_{20}	.	.	.
3503434660075044981 ₁ = χ_{26}	.	.	.
3503434660075044981 ₂ = χ_{27}	.	.	.
77316619273928125000 ₁ = χ_{36}	.	.	.
286243267692724486144 ₁ = χ_{41}	.	.	.
286243267692724486144 ₂ = χ_{42}	.	.	.
31714653744947491918600 ₁ = χ_{69}	.	.	.
392611651975065600000000 ₁ = χ_{97}	.	.	.
4926670174323484069683200 ₁ = χ_{121}	.	.	.
5334046162969208352215625 ₁ = χ_{122}	.	.	.
5514132424881463208443904 ₂ = χ_{124}	.	1	.
5514132424881463208443904 ₃ = χ_{125}	1	.	.
33684388830359981044531200 ₁ = χ_{146}	.	.	1
138988549876584520148320256 ₁ = χ_{181}	.	.	.
173865305251972140447265625 ₁ = χ_{185}	1	1	1

(Block 6:)	φ_{173}
19360062527 ₁ = χ_6	.
3879214937598 ₁ = χ_8	.
60359800576579350 ₁ = χ_{20}	.
3503434660075044981 ₁ = χ_{26}	.
3503434660075044981 ₂ = χ_{27}	.
77316619273928125000 ₁ = χ_{36}	.
286243267692724486144 ₁ = χ_{41}	.
286243267692724486144 ₂ = χ_{42}	.
31714653744947491918600 ₁ = χ_{69}	.
392611651975065600000000 ₁ = χ_{97}	.
4926670174323484069683200 ₁ = χ_{121}	.
5334046162969208352215625 ₁ = χ_{122}	.
5514132424881463208443904 ₂ = χ_{124}	.
5514132424881463208443904 ₃ = χ_{125}	.
33684388830359981044531200 ₁ = χ_{146}	.
138988549876584520148320256 ₁ = χ_{181}	1
173865305251972140447265625 ₁ = χ_{185}	1

$\varphi_6 = 19360062527_1$	$\varphi_{96} = 392534395711732393579279_1$
$\varphi_8 = 3859854875071_1$	$\varphi_{119} = 4534135778611751676103921_1$
$\varphi_{20} = 60355940721704279_1$	$\varphi_{121} = 5301762526123535486369718_1$
$\varphi_{26} = 3503434660075044981_1$	$\varphi_{122} = 5514132424881463208443904_1$
$\varphi_{35} = 7725626333206420721_1$	$\varphi_{123} = 5514132424881463208443904_2$
$\varphi_{41} = 286243267692724486144_1$	$\varphi_{144} = 29150253051748229368427279_1$
$\varphi_{42} = 286243267692724486144_2$	$\varphi_{173} = 133686787350460984661950538_1$
$\varphi_{68} = 31711150310287416873619_1$	