

$$A_{18} \pmod{2}$$

	blocks	defect	matrix
$G :$	1	15	150×30
	2	9	37×14
	3	6	13×7

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_6	φ_7	φ_8	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{15}	φ_{17}	φ_{19}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$17_1 = \chi_2$	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$135_1 = \chi_3$	1	1	1	.	.	.	.	.	.	.	.	.	.	.
$136_1 = \chi_4$	2	1	1	.	.	.	.	.	.	.	.	.	.	.
$663_1 = \chi_5$	1	.	1	1	.	.	.	.	.	.	.	.	.	.
$680_1 = \chi_6$	2	1	1	1	.	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_8$	.	.	1	1	1	.	.	.	.	.	.	.	.	.
$2380_1 = \chi_9$	2	1	2	1	1	.	.	.	.	.	.	.	.	.
$4641_1 = \chi_{10}$	1	.	1	.	.	1	.	.	.	.	.	.	.	.
$4862_1 = \chi_{11}$	.	.	1	.	.	.	.	.	1	.	.	.	.	.
$5508_1 = \chi_{12}$	.	.	1	.	1	.	1	.	.	.	.	.	.	.
$6188_1 = \chi_{13}$	2	1	2	1	1	.	1	.	.	.	.	.	.	.
$6885_1 = \chi_{14}$	1	.	2	1	1	1	.	.	.	.	.	.	.	.
$7020_1 = \chi_{15}$	2	1	3	1	1	1	.	.	.	.	.	.	.	.
$9996_1 = \chi_{16}$	.	.	1	.	1	.	1	.	1	.	.	.	.	.
$11934_1 = \chi_{17}$	.	.	1	1	.	.	.	.	1	.	.	1	.	.
$12376_1 = \chi_{18}$	2	1	3	1	2	.	1	.	1	.	.	.	.	.
$13260_1 = \chi_{19}$	.	.	1	1	1	.	.	.	1	.	.	1	.	.
$19448_1 = \chi_{20}$	2	1	3	2	2	.	1	.	1	.	.	1	.	.
$24310_1 = \chi_{23}$	2	1	4	2	2	.	1	.	2	.	.	1	.	.
$29172_1 = \chi_{24}$	2	1	1	.	1	1	1	1	.	.	.	.	.	.
$29835_1 = \chi_{25}$	3	1	2	1	1	1	1	1	.	.	.	.	.	.
$35343_1 = \chi_{26}$	3	1	3	1	2	1	2	1	.	.	.	.	.	.
$53040_1 = \chi_{27}$	.	.	2	.	2	.	1	.	1	1	.	.	.	.
$56100_1 = \chi_{28}$	2	1	2	.	1	.	1	1	1	.	1	.	.	.
$58344_1 = \chi_{29}$	2	1	3	1	2	.	1	1	1	.	1	.	.	.
$60060_1 = \chi_{30}$	2	1	5	1	3	1	1	.	1	1	.	.	.	.
$87516_1 = \chi_{32}$	2	.	1	.	.	.	.	.	1	.	1	.	.	.
$99144_1 = \chi_{36}$	2	1	3	.	2	.	1	1	1	1	1	.	.	.
$102102_1 = \chi_{37}$	2	.	2	1	1	1	.	.	2	.	.	1	.	.
$106029_1 = \chi_{38}$	3	1	5	1	3	1	1	1	1	1	1	.	.	.
$111384_1 = \chi_{39}$	2	1	5	1	4	.	2	1	2	1	1	.	.	.
$116025_1 = \chi_{41}$	3	1	6	1	4	1	2	1	2	1	1	.	.	.
$136136_1 = \chi_{42}$	2	1	1	.	.	.	.	.	1	.	.	.	1	.
$143208_1 = \chi_{43}$	2	1	1	1	.	.	.	.	1	.	.	1	1	.
$162162_1 = \chi_{44}$	4	1	7	2	4	2	1	.	3	1	.	1	.	.
$219912_1 = \chi_{46}$	2	1	3	.	2	.	1	1	2	1	1	.	1	.
$238680_1 = \chi_{48}$	2	1	5	1	4	.	2	1	3	1	1	1	1	.
$255255_1 = \chi_{50}$	5	2	6	1	4	1	3	2	2	1	1	.	1	.
$259896_1 = \chi_{51}$	4	.	2	.	1	2	.	.	1	.	1	.	.	.

[illegible]

(Block 1:)	φ_{43}	φ_{46}	φ_{51}
$1_1 = \chi_1$	.	.	.
$17_1 = \chi_2$	.	.	.
$135_1 = \chi_3$	.	.	.
$136_1 = \chi_4$	.	.	.
$663_1 = \chi_5$	.	.	.
$680_1 = \chi_6$	.	.	.
$2244_1 = \chi_8$	.	.	.
$2380_1 = \chi_9$	.	.	.
$4641_1 = \chi_{10}$	.	.	.
$4862_1 = \chi_{11}$	.	.	.
$5508_1 = \chi_{12}$	.	.	.
$6188_1 = \chi_{13}$	.	.	.
$6885_1 = \chi_{14}$	.	.	.
$7020_1 = \chi_{15}$	.	.	.
$9996_1 = \chi_{16}$	.	.	.
$11934_1 = \chi_{17}$	.	.	.
$12376_1 = \chi_{18}$	.	.	.
$13260_1 = \chi_{19}$	.	.	.
$19448_1 = \chi_{20}$	.	.	.
$24310_1 = \chi_{23}$	.	.	.
$29172_1 = \chi_{24}$	.	.	.
$29835_1 = \chi_{25}$	.	.	.
$35343_1 = \chi_{26}$	.	.	.
$53040_1 = \chi_{27}$	.	.	.
$56100_1 = \chi_{28}$	.	.	.
$58344_1 = \chi_{29}$	.	.	.
$60060_1 = \chi_{30}$	.	.	.
$87516_1 = \chi_{32}$	.	.	.
$99144_1 = \chi_{36}$	.	.	.
$102102_1 = \chi_{37}$	.	.	.
$106029_1 = \chi_{38}$	.	.	.
$111384_1 = \chi_{39}$	.	.	.
$116025_1 = \chi_{41}$	.	.	.
$136136_1 = \chi_{42}$	.	.	.
$143208_1 = \chi_{43}$	.	.	.
$162162_1 = \chi_{44}$	.	.	.
$219912_1 = \chi_{46}$	.	.	.
$238680_1 = \chi_{48}$	.	.	.
$255255_1 = \chi_{50}$	.	.	.
$259896_1 = \chi_{51}$	.	.	.

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_6	φ_7	φ_8	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{15}	φ_{17}	φ_{19}
268515 ₁ = χ_{52}	5	2	7	2	5	1	3	2	3	1	1	1	1	.
302940 ₁ = χ_{53}	4	.	3	.	2	2	.	.	1	1	1	.	.	.
322218 ₁ = χ_{54}	4	1	1	.	.	1	.	.	1	.	.	.	1	.
331500 ₁ = χ_{55}	4	1	1	.	1	1	1	1	1	.	.	.	1	.
340340 ₁ = χ_{57}	4	1	3	1	1	1	.	.	3	.	.	1	1	.
353430 ₁ = χ_{58}	4	1	3	1	2	1	2	1	3	.	.	1	1	.
358020 ₁ = χ_{59}	2	1	2	2	1	.	2	1	1	.	1	1	.	1
363528 ₁ = χ_{60}	2	1	3	2	2	.	3	1	1	.	1	1	.	1
364650 ₁ = χ_{61}	4	.	1	.	.	1	.	.	1	.	1	.	.	.
408408 ₁ = χ_{62}	4	1	1	.	.	.	.	1	1	.	1	.	1	.
447525 ₁ = χ_{63}	7	2	7	1	5	2	3	2	3	1	1	.	1	.
459459 ₁ = χ_{64}	7	2	8	2	5	2	3	2	4	1	1	1	1	.
501228 ₁ = χ_{66}	6	1	2	.	1	2	1	1	1	.	1	.	1	.
510510 ₁ = χ_{67}	4	1	.	.	.	1	.	.	.	.	.	.	1	.
556920 ₁ = χ_{68}	6	.	2	.	1	2	.	.	2	.	1	.	.	.
583440 ₁ = χ_{69}	4	2	6	2	4	.	4	2	3	1	2	1	1	1
590733 ₁ = χ_{70}	9	3	8	2	5	2	3	2	4	1	1	1	2	.
595595 ₁ = χ_{71}	9	3	9	2	5	2	3	2	5	1	1	1	2	.
612612 ₁ = χ_{72}	6	1	2	1	1	2	.	.	2	.	.	1	1	.
612612 ₂ = χ_{73}	6	3	7	2	5	1	5	3	3	1	2	1	1	1
612612 ₃ = χ_{74}	8	2	7	1	5	2	3	2	3	1	2	.	1	.
649740 ₁ = χ_{75}	6	1	.	.	.	2	.	1	.	.	.	.	1	.
656370 ₁ = χ_{76}	8	1	6	1	4	3	2	1	4	1	1	1	1	.
659736 ₁ = χ_{77}	6	2	2	.	1	.	2	2	2	.	1	.	2	.
714714 ₁ = χ_{79}	10	2	9	2	6	3	3	2	5	1	2	1	1	.
779688 ₁ = χ_{80}	4	2	6	2	3	.	2	.	3	.	1	1	.	.
787644 ₁ = χ_{81}	6	1	1	.	.	1	.	1	1	.	1	.	1	.
787644 ₂ = χ_{82}	6	3	4	2	2	.	1	1	.	.	.	.	.	.
848232 ₁ = χ_{84}	4	2	6	4	3	.	1	.	3	.	1	2	.	1
875160 ₁ = χ_{85}	8	3	5	2	2	.	1	1	1	.	1	.	.	.
875160 ₂ = χ_{86}	8	2	4	.	3	2	2	2	2	1	1	.	2	.
952952 ₁ = χ_{89}	2	1	3	1	2	.	.	.	3	.	.	1	1	.
1021020 ₁ = χ_{91}	2	2	1	1	.	.	.	.	1	.	1	1	.	1
1021020 ₂ = χ_{92}	6	3	4	2	2	.	3	1	.	.	.	.	.	.
1099560 ₁ = χ_{94}	6	3	7	4	4	.	3	1	4	.	1	2	1	1
1145664 ₁ = χ_{96}	8	4	8	4	4	.	3	2	4	.	2	2	1	1
1215500 ₁ = χ_{98}	12	3	7	1	4	3	2	2	5	1	1	1	3	.
1225224 ₁ = χ_{99}	14	3	9	2	6	4	3	2	5	1	2	1	2	.
1272348 ₁ = χ_{103}	12	3	4	1	2	2	2	2	4	.	1	1	3	.
1312740 ₁ = χ_{104}	6	1	3	1	2	1	.	.	3	.	1	1	1	.

(Block 1:)	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{25}	φ_{28}	φ_{30}	φ_{31}	φ_{32}	φ_{34}	φ_{37}	φ_{38}	φ_{40}
268515 ₁ = χ_{52}	.	.	.	.	.	.	.	.	.	.	.	.	.
302940 ₁ = χ_{53}	.	1	.	1	.	.	.	.	.	.	.	.	.
322218 ₁ = χ_{54}	1	1	1	.	.	1	.	.	.	.	.	.	.
331500 ₁ = χ_{55}	.	1	1	.	.	.	.	.	.	.	.	.	.
340340 ₁ = χ_{57}	2	1	1	.	.	1	.	.	.	.	.	.	.
353430 ₁ = χ_{58}	1	1	1	.	.	.	.	.	.	.	.	.	.
358020 ₁ = χ_{59}	.	.	.	.	.	.	.	.	.	.	.	.	.
363528 ₁ = χ_{60}	.	.	.	.	.	.	.	.	.	.	.	.	.
364650 ₁ = χ_{61}	1	1	.	1	.	.	.	.	.	1	1	.	.
408408 ₁ = χ_{62}	1	.	.	.	.	1	.	1	.	.	1	.	.
447525 ₁ = χ_{63}	.	1	1	.	.	.	.	.	.	.	.	.	.
459459 ₁ = χ_{64}	1	1	1	.	.	.	.	.	.	.	.	.	.
501228 ₁ = χ_{66}	.	1	1	1	.	.	.	.	.	.	.	.	.
510510 ₁ = χ_{67}	.	1	1	1	.	1	.	.	.	1	.	.	.
556920 ₁ = χ_{68}	1	2	1	1	.	.	.	.	.	1	1	.	.
583440 ₁ = χ_{69}	.	.	.	.	.	.	.	.	.	.	.	.	.
590733 ₁ = χ_{70}	1	1	1	.	.	1	.	.	.	.	.	.	.
595595 ₁ = χ_{71}	2	1	1	.	.	1	.	.	.	.	.	.	.
612612 ₁ = χ_{72}	1	2	1	1	.	1	.	.	.	1	.	.	.
612612 ₂ = χ_{73}	.	.	.	.	.	.	.	.	.	.	.	.	.
612612 ₃ = χ_{74}	.	1	1	1	.	.	.	.	.	.	.	.	.
649740 ₁ = χ_{75}	.	1	1	1	.	1	.	1	.	.	.	.	.
656370 ₁ = χ_{76}	1	2	1	1	.	.	.	.	.	.	.	.	.
659736 ₁ = χ_{77}	1	.	1	.	.	1	.	1	.	.	1	.	.
714714 ₁ = χ_{79}	1	2	1	1	.	.	.	.	.	.	.	.	.
779688 ₁ = χ_{80}	2	.	.	.	1	.	.	.	1	.	.	.	.
787644 ₁ = χ_{81}	1	1	1	1	.	1	.	1	.	1	1	.	.
787644 ₂ = χ_{82}	.	.	.	.	.	1	.	1	.	.	.	.	.
848232 ₁ = χ_{84}	2	.	.	.	1	.	.	.	.	.	.	.	.
875160 ₁ = χ_{85}	1	.	.	.	.	1	.	1	.	.	1	.	.
875160 ₂ = χ_{86}	.	1	1	1	.	1	.	1	.	.	.	.	.
952952 ₁ = χ_{89}	3	.	1	.	1	1	.	.	.	.	.	1	.
1021020 ₁ = χ_{91}	1	.	.	.	.	.	.	.	.	.	1	.	.
1021020 ₂ = χ_{92}	.	.	.	.	.	1	.	1	1	.	.	.	.
1099560 ₁ = χ_{94}	2	.	1	.	1	.	.	.	.	.	.	.	.
1145664 ₁ = χ_{96}	2	.	1	.	1	.	.	.	.	.	.	.	.
1215500 ₁ = χ_{98}	2	2	2	1	.	2	.	1	.	.	.	.	.
1225224 ₁ = χ_{99}	1	3	2	2	.	1	.	.	.	1	.	.	.
1272348 ₁ = χ_{103}	2	2	2	1	.	2	.	1	.	1	1	.	.
1312740 ₁ = χ_{104}	3	1	1	1	1	1	.	.	.	1	1	1	.

(Block 1:)	φ_{43}	φ_{46}	φ_{51}
$268515_1 = \chi_{52}$	.	.	.
$302940_1 = \chi_{53}$	.	.	.
$322218_1 = \chi_{54}$	.	.	.
$331500_1 = \chi_{55}$	.	.	.
$340340_1 = \chi_{57}$	.	.	.
$353430_1 = \chi_{58}$	.	.	.
$358020_1 = \chi_{59}$	.	.	.
$363528_1 = \chi_{60}$	.	.	.
$364650_1 = \chi_{61}$	.	.	.
$408408_1 = \chi_{62}$	.	.	.
$447525_1 = \chi_{63}$	.	.	.
$459459_1 = \chi_{64}$	.	.	.
$501228_1 = \chi_{66}$	.	.	.
$510510_1 = \chi_{67}$	.	.	.
$556920_1 = \chi_{68}$	.	.	.
$583440_1 = \chi_{69}$	.	.	.
$590733_1 = \chi_{70}$	.	.	.
$595595_1 = \chi_{71}$	.	.	.
$612612_1 = \chi_{72}$	.	.	.
$612612_2 = \chi_{73}$	.	.	.
$612612_3 = \chi_{74}$	.	.	.
$649740_1 = \chi_{75}$	.	.	.
$656370_1 = \chi_{76}$	.	.	.
$659736_1 = \chi_{77}$	.	.	.
$714714_1 = \chi_{79}$	.	.	.
$779688_1 = \chi_{80}$	.	.	.
$787644_1 = \chi_{81}$	.	.	.
$787644_2 = \chi_{82}$	.	1	.
$848232_1 = \chi_{84}$	.	.	.
$875160_1 = \chi_{85}$	.	1	.
$875160_2 = \chi_{86}$	.	.	.
$952952_1 = \chi_{89}$	.	.	.
$1021020_1 = \chi_{91}$	1	.	.
$1021020_2 = \chi_{92}$	.	1	.
$1099560_1 = \chi_{94}$	.	.	.
$1145664_1 = \chi_{96}$	.	.	.
$1215500_1 = \chi_{98}$	.	.	.
$1225224_1 = \chi_{99}$	.	.	.
$1272348_1 = \chi_{103}$	.	.	.
$1312740_1 = \chi_{104}$	.	.	.

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_6	φ_7	φ_8	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{15}	φ_{17}	φ_{19}
1349460 ₁ = χ_{105}	10	3	8	4	4	2	2	1	4	.	2	2	1	1
1429428 ₁ = χ_{107}	10	3	6	2	3	2	2	1	3	.	1	1	1	.
1429428 ₂ = χ_{108}	10	4	5	2	2	.	3	2	1	.	1	.	1	.
1432080 ₁ = χ_{109}	14	2	6	.	4	4	2	2	4	1	2	.	2	.
1458600 ₁ = χ_{110}	12	4	12	4	7	2	4	2	6	1	3	2	1	1
1503684 ₁ = χ_{111}	8	1	4	1	2	2	.	.	4	.	1	1	1	.
1531530 ₁ = χ_{112}	6	2	2	1	1	1	1	1	2	.	.	1	2	.
1575288 ₁ = χ_{113}	4	3	1	1	.	.	2	1	1	.	1	1	1	1
1575288 ₂ = χ_{114}	16	3	7	1	4	4	2	2	5	1	2	1	3	.
1649340 ₁ = χ_{115}	12	4	9	2	5	2	3	2	5	1	2	1	2	.
1790100 ₁ = χ_{116}	16	5	13	4	8	3	5	3	7	1	3	2	2	1
1823250 ₁ = χ_{117}	8	3	7	3	4	.	3	1	3	.	1	1	.	.
1989000 ₁ = χ_{118}	6	3	7	3	4	.	3	1	4	.	1	2	1	.
2042040 ₁ = χ_{119}	8	5	5	3	2	.	3	1	1	.	1	1	.	1
2144142 ₁ = χ_{120}	12	5	9	3	6	2	6	4	5	1	2	2	3	1
2148120 ₁ = χ_{121}	2	1	3	2	2	.	2	.	3	.	.	2	1	.
2333760 ₂ = χ_{123}	8	4	8	4	4	.	5	2	4	.	2	2	1	1
2362932 ₁ = χ_{124}	10	6	5	3	2	.	3	2	1	.	1	1	1	1
2382380 ₁ = χ_{125}	12	5	8	3	4	.	3	2	4	.	1	1	2	.
2598960 ₁ = χ_{126}	4	2	8	2	6	.	2	.	4	1	.	1	.	.
2625480 ₁ = χ_{127}	12	4	6	2	3	2	3	2	3	.	1	1	2	.
2756754 ₁ = χ_{128}	8	3	4	2	2	1	2	1	4	.	2	2	1	1
2756754 ₂ = χ_{129}	8	5	7	4	4	.	3	1	3	.	1	2	.	1
2784600 ₁ = χ_{130}	6	4	2	2	1	.	3	2	2	.	1	2	2	1
2858856 ₁ = χ_{131}	8	3	9	2	6	.	3	1	3	1	1	.	.	.
2858856 ₂ = χ_{132}	8	2	10	2	7	2	2	.	5	1	1	1	.	.
2923830 ₁ = χ_{133}	8	2	3	1	2	1	2	1	3	.	1	1	2	.
3007368 ₁ = χ_{135}	8	3	9	2	6	.	2	1	5	1	1	1	1	.
3180870 ₁ = χ_{137}	18	6	11	3	6	3	4	3	7	1	2	2	4	.
3222180 ₁ = χ_{139}	16	6	13	5	8	2	7	4	7	1	3	3	3	1
3267264 ₁ = χ_{140}	12	6	8	4	4	.	3	2	4	.	2	2	1	1
3281850 ₁ = χ_{141}	10	5	10	5	6	.	5	2	6	.	2	3	2	1
3403400 ₁ = χ_{142}	14	4	6	2	3	2	3	2	6	.	1	2	4	.
3508596 ₁ = χ_{143}	14	4	11	2	7	2	3	2	6	1	2	1	2	.
3508596 ₂ = χ_{144}	14	4	9	2	6	2	3	2	3	1	1	.	1	.
3544398 ₁ = χ_{145}	20	7	14	5	8	3	7	4	8	1	3	3	4	1
3646500 ₁ = χ_{146}	14	3	11	2	7	3	2	1	6	1	2	1	1	.
3675672 ₁ = χ_{147}	8	3	11	3	8	.	3	1	5	1	1	1	.	.
3978000 ₁ = χ_{153}	18	4	12	2	8	4	3	2	7	1	2	1	2	.
4288284 ₁ = χ_{156}	14	5	6	3	3	2	3	2	6	.	2	3	3	1

(Block 1:)	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{25}	φ_{28}	φ_{30}	φ_{31}	φ_{32}	φ_{34}	φ_{37}	φ_{38}	φ_{40}
$1349460_1 = \chi_{105}$	2	1	1	1	1	.	.	.	.	.	.	.	.
$1429428_1 = \chi_{107}$	2	1	1	1	1	1	.	1	1	.	.	.	.
$1429428_2 = \chi_{108}$	1	.	.	.	.	2	.	2	1	.	1	.	.
$1432080_1 = \chi_{109}$	1	3	2	2	.	1	.	1	.	1	1	.	.
$1458600_1 = \chi_{110}$	2	1	1	1	1	.	.	.	.	.	.	.	.
$1503684_1 = \chi_{111}$	4	2	2	1	1	1	.	.	.	1	1	1	.
$1531530_1 = \chi_{112}$	1	1	2	.	.	1	1	.	.	.	.	.	.
$1575288_1 = \chi_{113}$	1	.	.	.	.	1	.	1	1	.	1	.	.
$1575288_2 = \chi_{114}$	2	3	2	2	.	2	.	1	.	1	1	.	.
$1649340_1 = \chi_{115}$	2	1	1	1	1	1	.	1	1	.	.	.	.
$1790100_1 = \chi_{116}$	2	2	2	1	1	.	.	.	.	.	.	.	.
$1823250_1 = \chi_{117}$	3	.	.	.	1	1	.	1	1	.	1	1	.
$1989000_1 = \chi_{118}$	2	.	1	.	1	.	1	.	1	.	.	.	.
$2042040_1 = \chi_{119}$	1	.	.	.	.	1	.	1	1	.	1	.	.
$2144142_1 = \chi_{120}$	1	1	2	.	.	1	1	.	.	.	.	.	.
$2148120_1 = \chi_{121}$	3	.	1	.	1	1	1	.	1	.	.	1	.
$2333760_2 = \chi_{123}$	2	.	1	.	1	.	1	.	1	.	.	.	.
$2362932_1 = \chi_{124}$	1	.	.	.	.	2	.	2	1	.	1	.	.
$2382380_1 = \chi_{125}$	4	.	1	.	1	3	.	2	1	.	1	1	.
$2598960_1 = \chi_{126}$	2	.	1	.	1	.	.	.	1	.	.	.	1
$2625480_1 = \chi_{127}$	2	1	2	1	1	1	1	1	1	.	.	.	.
$2756754_1 = \chi_{128}$	4	1	1	1	1	1	.	1	1	1	2	1	.
$2756754_2 = \chi_{129}$	3	.	.	.	1	1	.	1	1	.	1	1	.
$2784600_1 = \chi_{130}$	1	.	1	.	.	1	1	1	1	.	1	.	.
$2858856_1 = \chi_{131}$	1	.	.	.	.	1	.	1	1	.	1	.	1
$2858856_2 = \chi_{132}$	2	1	1	1	1	.	.	.	1	.	.	.	1
$2923830_1 = \chi_{133}$	3	1	2	1	1	2	1	1	1	1	1	1	.
$3007368_1 = \chi_{135}$	3	.	1	.	1	1	.	1	1	.	1	.	1
$3180870_1 = \chi_{137}$	3	2	3	1	1	2	1	1	1	.	.	.	.
$3222180_1 = \chi_{139}$	2	1	2	1	1	1	1	1	1	.	.	.	.
$3267264_1 = \chi_{140}$	4	.	1	.	1	2	.	2	1	.	2	1	.
$3281850_1 = \chi_{141}$	4	.	2	.	2	1	1	.	1	.	.	1	.
$3403400_1 = \chi_{142}$	5	2	3	1	1	3	1	1	1	1	1	1	.
$3508596_1 = \chi_{143}$	3	1	2	1	1	1	.	1	1	.	1	.	1
$3508596_2 = \chi_{144}$	1	1	1	1	.	2	.	2	1	.	1	.	1
$3544398_1 = \chi_{145}$	3	2	3	1	1	2	1	1	1	.	.	.	.
$3646500_1 = \chi_{146}$	3	2	2	2	1	1	.	1	1	1	1	.	1
$3675672_1 = \chi_{147}$	3	.	1	.	1	1	.	1	1	.	1	1	1
$3978000_1 = \chi_{153}$	3	3	3	2	1	1	.	1	1	1	1	.	1
$4288284_1 = \chi_{156}$	5	2	3	1	1	2	1	1	1	1	2	1	.

(Block 1:)	φ_{43}	φ_{46}	φ_{51}
$1349460_1 = \chi_{105}$	.	.	.
$1429428_1 = \chi_{107}$	.	.	.
$1429428_2 = \chi_{108}$	.	1	.
$1432080_1 = \chi_{109}$	.	.	.
$1458600_1 = \chi_{110}$	.	.	.
$1503684_1 = \chi_{111}$	.	.	.
$1531530_1 = \chi_{112}$	.	.	.
$1575288_1 = \chi_{113}$	1	.	.
$1575288_2 = \chi_{114}$	.	.	.
$1649340_1 = \chi_{115}$	.	.	.
$1790100_1 = \chi_{116}$	.	.	.
$1823250_1 = \chi_{117}$	.	1	.
$1989000_1 = \chi_{118}$	.	.	.
$2042040_1 = \chi_{119}$	1	1	.
$2144142_1 = \chi_{120}$	.	.	.
$2148120_1 = \chi_{121}$	.	.	.
$2333760_2 = \chi_{123}$	.	.	.
$2362932_1 = \chi_{124}$	1	1	.
$2382380_1 = \chi_{125}$	.	1	.
$2598960_1 = \chi_{126}$	.	.	.
$2625480_1 = \chi_{127}$	.	.	.
$2756754_1 = \chi_{128}$	1	.	.
$2756754_2 = \chi_{129}$	1	1	.
$2784600_1 = \chi_{130}$	1	.	.
$2858856_1 = \chi_{131}$	.	1	.
$2858856_2 = \chi_{132}$	.	.	.
$2923830_1 = \chi_{133}$	.	.	.
$3007368_1 = \chi_{135}$	.	.	.
$3180870_1 = \chi_{137}$	.	.	.
$3222180_1 = \chi_{139}$	.	.	.
$3267264_1 = \chi_{140}$	1	1	.
$3281850_1 = \chi_{141}$	.	.	.
$3403400_1 = \chi_{142}$	.	.	.
$3508596_1 = \chi_{143}$	.	.	.
$3508596_2 = \chi_{144}$	.	1	.
$3544398_1 = \chi_{145}$	.	.	.
$3646500_1 = \chi_{146}$	.	.	.
$3675672_1 = \chi_{147}$	.	1	.
$3978000_1 = \chi_{153}$	.	.	.
$4288284_1 = \chi_{156}$	1	.	.

(Block 1:)	φ_1	φ_2	φ_3	φ_4	φ_6	φ_7	φ_8	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{15}	φ_{17}	φ_{19}
$4455360_1 = \chi_{157}$	12	6	8	4	4	.	5	2	4	.	2	2	1	1
$4511052_1 = \chi_{158}$	12	7	8	5	4	.	5	2	4	.	1	3	2	1
$4594590_1 = \chi_{159}$	6	.	5	.	2	4	.	.	1	1	1	.	.	.
$4725864_1 = \chi_{162}$	24	7	17	6	10	4	7	4	11	1	4	4	4	1
$4862000_1 = \chi_{163}$	26	8	18	6	10	4	7	4	12	1	4	4	5	1
$5012280_1 = \chi_{165}$	8	3	11	3	8	.	4	1	7	1	1	2	1	.
$5012280_2 = \chi_{166}$	22	5	13	3	8	4	3	2	7	1	2	1	2	.
$5105100_1 = \chi_{167}$	10	3	9	2	4	3	1	1	1	1	1	.	.	.
$5105100_2 = \chi_{168}$	18	6	17	5	11	2	5	2	8	1	2	2	1	.
$5250960_1 = \chi_{169}$	12	6	12	4	8	.	5	2	6	1	2	2	1	1
$5469750_1 = \chi_{172}$	22	6	18	5	11	3	5	2	9	1	3	2	1	.
$5937624_1 = \chi_{173}$	26	9	15	5	8	4	6	4	11	1	4	4	5	1
$6126120_1 = \chi_{174}$	20	5	15	4	10	4	5	2	10	1	2	3	3	.
$6265350_1 = \chi_{175}$	22	7	13	4	8	3	5	3	7	1	3	2	2	1
$6361740_1 = \chi_{176}$	18	6	19	7	12	2	6	2	11	1	3	4	2	1
$6432426_1 = \chi_{177}$	22	6	14	3	9	3	5	3	9	1	3	2	4	.
$6534528_2 = \chi_{179}$	8	.	10	.	6	4	.	.	4	2	2	.	.	.
$6872250_1 = \chi_{181}$	22	7	19	7	12	3	6	2	11	1	3	4	3	1
$7088796_1 = \chi_{182}$	10	3	13	2	8	3	3	1	3	2	1	.	.	.
$7634088_1 = \chi_{183}$	30	9	23	8	14	4	8	4	15	1	4	5	5	1
$7876440_1 = \chi_{184}$	16	4	14	2	8	4	3	2	4	2	2	.	1	.
$7876440_2 = \chi_{185}$	24	10	18	6	11	2	8	4	9	1	3	3	3	1
$8270262_1 = \chi_{188}$	14	3	16	3	10	4	3	1	6	2	2	1	.	.
$8576568_1 = \chi_{190}$	32	11	21	7	12	4	8	4	12	1	4	4	4	1
$9189180_1 = \chi_{192}$	22	5	17	3	10	5	3	2	7	2	3	1	2	.
$9189180_2 = \chi_{193}$	30	11	21	7	13	3	8	4	12	1	4	4	4	1
$9529520_1 = \chi_{194}$	34	12	24	8	14	4	8	4	15	1	4	5	5	1
$10720710_1 = \chi_{196}$	26	9	22	6	12	4	6	3	8	2	4	2	1	1
$11277630_1 = \chi_{197}$	22	6	25	5	16	4	5	2	11	3	3	2	1	.
$16243500_1 = \chi_{199}$	38	13	33	9	20	5	10	4	15	3	5	4	3	1

(Block 1:)	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{25}	φ_{28}	φ_{30}	φ_{31}	φ_{32}	φ_{34}	φ_{37}	φ_{38}	φ_{40}
4455360 ₁ = χ_{157}	4	.	1	.	1	2	1	2	2	.	2	1	.
4511052 ₁ = χ_{158}	4	.	1	.	1	3	1	2	2	.	1	1	.
4594590 ₁ = χ_{159}	1	1	.	2	.	.	.	.	.	2	1	.	.
4725864 ₁ = χ_{162}	6	3	4	2	2	2	1	1	1	1	1	1	.
4862000 ₁ = χ_{163}	7	3	4	2	2	3	1	1	1	1	1	1	.
5012280 ₁ = χ_{165}	5	.	2	.	2	1	1	1	2	.	1	1	1
5012280 ₂ = χ_{166}	5	3	3	2	1	3	.	2	1	1	2	1	1
5105100 ₁ = χ_{167}	1	.	.	1	.	1	.	1	.	1	1	.	.
5105100 ₂ = χ_{168}	5	1	2	1	2	2	.	2	2	.	1	1	1
5250960 ₁ = χ_{169}	4	.	1	.	1	2	.	2	2	.	2	1	1
5469750 ₁ = χ_{172}	6	2	2	2	2	2	.	2	2	1	2	1	1
5937624 ₁ = χ_{173}	7	3	4	2	2	3	1	2	2	1	2	1	.
6126120 ₁ = χ_{174}	6	3	4	2	2	2	1	1	2	1	1	1	1
6265350 ₁ = χ_{175}	5	2	2	2	1	3	.	3	2	1	3	1	1
6361740 ₁ = χ_{176}	7	1	3	1	3	1	1	1	2	.	1	1	1
6432426 ₁ = χ_{177}	6	2	4	2	2	3	1	2	2	1	2	1	1
6534528 ₂ = χ_{179}	2	1	1	2	.	.	.	.	.	2	2	.	1
6872250 ₁ = χ_{181}	7	2	4	2	3	2	1	1	2	1	1	1	1
7088796 ₁ = χ_{182}	1	.	.	1	.	1	.	1	1	1	1	.	1
7634088 ₁ = χ_{183}	9	3	5	2	3	3	1	2	2	1	2	1	1
7876440 ₁ = χ_{184}	2	1	1	2	.	2	.	2	1	2	2	.	1
7876440 ₂ = χ_{185}	6	1	3	1	2	3	1	3	3	.	2	1	1
8270262 ₁ = χ_{188}	4	1	1	2	1	1	.	1	1	2	2	1	1
8576568 ₁ = χ_{190}	8	3	4	2	2	4	1	3	3	1	3	1	1
9189180 ₁ = χ_{192}	5	2	2	3	1	3	.	2	1	3	3	1	1
9189180 ₂ = χ_{193}	9	2	4	2	3	4	1	3	3	1	3	2	1
9529520 ₁ = χ_{194}	11	3	5	2	3	5	1	3	3	1	3	2	1
10720710 ₁ = χ_{196}	6	1	1	2	1	3	.	3	2	2	4	1	1
11277630 ₁ = χ_{197}	7	1	2	2	2	2	.	2	2	2	3	1	2
16243500 ₁ = χ_{199}	11	2	4	3	3	5	1	4	4	3	5	2	2

(Block 1:)	φ_{43}	φ_{46}	φ_{51}	
$4455360_1 = \chi_{157}$	1	1	.	$\varphi_1 = 1_1$
$4511052_1 = \chi_{158}$	1	1	.	$\varphi_2 = 16_1$
$4594590_1 = \chi_{159}$	.	.	1	$\varphi_3 = 118_1$
$4725864_1 = \chi_{162}$	.	.	.	$\varphi_4 = 544_1$
$4862000_1 = \chi_{163}$	.	.	.	$\varphi_6 = 1582_1$
$5012280_1 = \chi_{165}$	.	.	.	$\varphi_7 = 4522_1$
$5012280_2 = \chi_{166}$	.	1	.	$\varphi_8 = 3808_1$
$5105100_1 = \chi_{167}$	.	1	1	$\varphi_{10} = 19124_1$
$5105100_2 = \chi_{168}$	.	1	.	$\varphi_{11} = 4488_1$
$5250960_1 = \chi_{169}$	1	1	.	$\varphi_{12} = 41344_1$
$5469750_1 = \chi_{172}$	.	1	.	$\varphi_{13} = 26844_1$
$5937624_1 = \chi_{173}$	1	.	.	$\varphi_{15} = 6528_1$
$6126120_1 = \chi_{174}$	.	.	.	$\varphi_{17} = 116280_1$
$6265350_1 = \chi_{175}$	1	1	.	$\varphi_{19} = 290496_1$
$6361740_1 = \chi_{176}$	.	.	.	$\varphi_{20} = 256_1$
$6432426_1 = \chi_{177}$	.	.	.	$\varphi_{21} = 79456_1$
$6534528_2 = \chi_{179}$	.	.	1	$\varphi_{22} = 102102_1$
$6872250_1 = \chi_{181}$	.	.	.	$\varphi_{23} = 138242_1$
$7088796_1 = \chi_{182}$	.	1	1	$\varphi_{25} = 492386_1$
$7634088_1 = \chi_{183}$	.	.	.	$\varphi_{28} = 14976_1$
$7876440_1 = \chi_{184}$	.	1	1	$\varphi_{30} = 954720_1$
$7876440_2 = \chi_{185}$	1	1	.	$\varphi_{31} = 170494_1$
$8270262_1 = \chi_{188}$	.	1	1	$\varphi_{32} = 225760_1$
$8576568_1 = \chi_{190}$	1	1	.	$\varphi_{34} = 54912_1$
$9189180_1 = \chi_{192}$	.	1	1	$\varphi_{37} = 55808_1$
$9189180_2 = \chi_{193}$	1	1	.	$\varphi_{38} = 202368_1$
$9529520_1 = \chi_{194}$	1	1	.	$\varphi_{40} = 1693200_1$
$10720710_1 = \chi_{196}$	1	2	1	$\varphi_{43} = 635904_1$
$11277630_1 = \chi_{197}$	.	1	1	$\varphi_{46} = 574464_1$
$16243500_1 = \chi_{199}$	1	2	1	$\varphi_{51} = 3978238_1$

Block 2:	φ_5	φ_9	φ_{16}	φ_{18}	φ_{26}	φ_{27}	φ_{29}	φ_{33}	φ_{41}	φ_{42}	φ_{44}	φ_{45}	φ_{47}
$1344_1 = \chi_7$	1	.	.	.	.	.	.	.	.	.	.	.	.
$22848_1 = \chi_{21}$	1	1	.	.	.	.	.	.	.	.	.	.	.
$24192_1 = \chi_{22}$	2	1	.	.	.	.	.	.	.	.	.	.	.
$70720_1 = \chi_{31}$	1	.	1	.	1	1	.	.	.	.	.	.	.
$88128_1 = \chi_{33}$	1	1	1	.	.	.	.	.	.	.	.	.	.
$91520_1 = \chi_{34}$	2	1	1	.	.	1	.	.	.	.	.	.	.
$91520_2 = \chi_{35}$	2	1	1	.	1	.	.	.	.	.	.	.	.
$112320_1 = \chi_{40}$	3	2	1	.	.	.	.	.	.	.	.	.	.
$228480_1 = \chi_{47}$	2	1	1	1	.	.	.	.	.	.	.	.	.
$251328_1 = \chi_{49}$	3	2	1	1	.	.	.	.	.	.	.	.	.
$339456_1 = \chi_{56}$	4	3	2	1	.	.	.	.	.	.	.	.	.
$466752_1 = \chi_{65}$	1	.	1	1	1	1	.	.	.	1	.	.	.
$678912_1 = \chi_{78}$	.	.	.	.	.	.	1	.	.	.	.	.	.
$837760_1 = \chi_{83}$	2	1	2	.	1	1	1	.	.	.	.	.	.
$933504_1 = \chi_{87}$	2	1	.	.	.	.	.	.	.	.	.	.	1
$933504_2 = \chi_{88}$	2	1	.	.	.	.	.	.	.	.	.	.	.
$1018368_1 = \chi_{90}$	4	3	2	1	.	.	1	.	.	.	.	.	.
$1089088_1 = \chi_{93}$	5	3	3	1	1	1	1	.	.	.	.	.	.
$1233792_1 = \chi_{100}$	2	1	2	1	1	1	1	.	.	1	.	.	.
$2333760_1 = \chi_{122}$	5	2	1	1	1	1	.	.	.	1	.	.	1
$2970240_1 = \chi_{134}$	2	1	1	1	1	1	.	1	.	.	.	.	.
$3198720_1 = \chi_{138}$	4	2	2	2	1	1	.	1	.	.	.	.	.
$3877632_1 = \chi_{149}$	4	2	2	2	1	1	1	1	.	.	.	.	.
$3965760_1 = \chi_{152}$	5	3	3	2	1	1	1	1	.	.	.	.	.
$4200768_1 = \chi_{154}$	1	1	1	1	1	1	.	1	.	1	1	1	.
$4691456_1 = \chi_{160}$	4	2	3	2	2	2	1	1	.	1	.	1	.
$4691456_2 = \chi_{161}$	4	2	3	2	2	2	1	1	.	1	1	.	.
$4950400_1 = \chi_{164}$	2	1	2	1	2	2	1	1	.	1	1	1	.
$5346432_1 = \chi_{170}$	2	1	2	2	2	2	1	1	.	2	1	1	.
$6534528_1 = \chi_{178}$	6	3	2	2	2	2	.	1	.	2	1	1	1
$8019648_1 = \chi_{186}$	5	3	1	.	1	1	.	.	1	.	.	.	1
$8078400_1 = \chi_{187}$	5	3	3	3	2	2	1	2	.	1	1	1	.
$8486400_1 = \chi_{189}$	6	3	2	1	2	2	.	.	1	1	.	.	1
$9165312_1 = \chi_{191}$	6	3	2	1	2	2	1	.	1	1	.	.	1
$9801792_1 = \chi_{195}$	3	2	2	1	2	2	1	1	1	.	.	.	.
$13366080_1 = \chi_{198}$	7	4	3	2	3	3	1	1	1	2	1	1	1
$16336320_1 = \chi_{200}$	9	5	4	3	4	4	1	2	1	2	1	1	1

(Block 2:)	φ_{48}
$1344_1 = \chi_7$	.
$22848_1 = \chi_{21}$	.
$24192_1 = \chi_{22}$	.
$70720_1 = \chi_{31}$	.
$88128_1 = \chi_{33}$	.
$91520_1 = \chi_{34}$	.
$91520_2 = \chi_{35}$	.
$112320_1 = \chi_{40}$	.
$228480_1 = \chi_{47}$	.
$251328_1 = \chi_{49}$	.
$339456_1 = \chi_{56}$	.
$466752_1 = \chi_{65}$	.
$678912_1 = \chi_{78}$	.
$837760_1 = \chi_{83}$	.
$933504_1 = \chi_{87}$	.
$933504_2 = \chi_{88}$	1
$1018368_1 = \chi_{90}$	.
$1089088_1 = \chi_{93}$	.
$1233792_1 = \chi_{100}$	.
$2333760_1 = \chi_{122}$	1
$2970240_1 = \chi_{134}$	.
$3198720_1 = \chi_{138}$	.
$3877632_1 = \chi_{149}$	.
$3965760_1 = \chi_{152}$	.
$4200768_1 = \chi_{154}$	.
$4691456_1 = \chi_{160}$	.
$4691456_2 = \chi_{161}$	.
$4950400_1 = \chi_{164}$	.
$5346432_1 = \chi_{170}$	.
$6534528_1 = \chi_{178}$	1
$8019648_1 = \chi_{186}$	1
$8078400_1 = \chi_{187}$	.
$8486400_1 = \chi_{189}$	1
$9165312_1 = \chi_{191}$	1
$9801792_1 = \chi_{195}$	.
$13366080_1 = \chi_{198}$	1
$16336320_1 = \chi_{200}$	1

$$\begin{aligned}
\varphi_5 &= 1344_1 \\
\varphi_9 &= 21504_1 \\
\varphi_{16} &= 65280_1 \\
\varphi_{18} &= 139008_1 \\
\varphi_{26} &= 2048_1 \\
\varphi_{27} &= 2048_2 \\
\varphi_{29} &= 678912_1 \\
\varphi_{33} &= 2737664_1 \\
\varphi_{41} &= 6060416_1 \\
\varphi_{42} &= 257024_1 \\
\varphi_{44} &= 487424_1 \\
\varphi_{45} &= 487424_2 \\
\varphi_{47} &= 909312_1 \\
\varphi_{48} &= 909312_2
\end{aligned}$$

Block 3:	φ_{14}	φ_{24}	φ_{35}	φ_{36}	φ_{39}	φ_{49}	φ_{50}	
$182784_1 = \chi_{45}$	1	.	.	.	.	.	.	$\varphi_{14} = 182784_1$
$1131520_1 = \chi_{95}$	.	1	1	1	.	.	.	$\varphi_{24} = 992256_1$
$1175040_1 = \chi_{97}$	1	1	.	.	.	.	.	$\varphi_{35} = 69632_1$
$1244672_1 = \chi_{101}$	1	1	.	1	.	.	.	$\varphi_{36} = 69632_2$
$1244672_2 = \chi_{102}$	1	1	1	.	.	.	.	$\varphi_{39} = 1740800_1$
$1357824_1 = \chi_{106}$	2	1	.	.	.	.	.	$\varphi_{49} = 835584_1$
$3055104_1 = \chi_{136}$	1	1	1	1	1	.	.	$\varphi_{50} = 835584_2$
$3734016_1 = \chi_{148}$	1	.	1	1	1	1	1	
$3960320_1 = \chi_{150}$	1	1	2	1	1	.	1	
$3960320_2 = \chi_{151}$	1	1	1	2	1	1	.	
$4230144_1 = \chi_{155}$	2	2	1	1	1	.	.	
$5361664_1 = \chi_{171}$	2	3	2	2	1	.	.	
$6789120_1 = \chi_{180}$	2	1	2	2	2	1	1	