

$$A_{18} \pmod{3}$$

	blocks	defect	matrix
$G :$	1	8	118×37
	2	5	51×20
	3	4	22×10
	4	2	9×5

Block 1:	φ_1	φ_2	φ_4	φ_5	φ_6	φ_7	φ_9	φ_{12}	φ_{13}	φ_{16}	φ_{17}	φ_{19}	φ_{20}	φ_{21}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$17_1 = \chi_2$	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$136_1 = \chi_4$	.	1	1	.	.	.	.	.	.	.	.	.	.	.
$663_1 = \chi_5$	.	1	.	1	.	.	.	.	.	.	.	.	.	.
$680_1 = \chi_6$	.	.	1	.	1	.	.	.	.	.	.	.	.	.
$1344_1 = \chi_7$	1	1	1	1	1	.	.	.	.	.	.	.	.	.
$2244_1 = \chi_8$	.	.	.	1	.	1	.	.	.	.	.	.	.	.
$2380_1 = \chi_9$	.	.	.	.	1	.	1	.	.	.	.	.	.	.
$4641_1 = \chi_{10}$	1	1	.	1	1	1	1	.	.	.	.	.	.	.
$4862_1 = \chi_{11}$	1	1	.	.	.	.	.	.	.	.	.	.	.	.
$6188_1 = \chi_{13}$	.	.	.	.	.	.	1	.	1	.	.	.	.	.
$9996_1 = \chi_{16}$	.	.	.	1	.	1	.	.	.	1	.	.	.	.
$12376_1 = \chi_{18}$	.	.	.	.	.	.	.	.	1	.	.	.	1	.
$13260_1 = \chi_{19}$	.	1	.	1	.	.	.	.	.	1	.	.	.	.
$19448_1 = \chi_{20}$	.	.	.	.	.	.	.	.	.	.	.	.	1	.
$22848_1 = \chi_{21}$	.	.	.	1	1	1	.	1	.	.	.	.	.	.
$24310_1 = \chi_{23}$	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$29172_1 = \chi_{24}$	.	1	1	1	1	1	1	1	1	.	.	.	.	.
$53040_1 = \chi_{27}$	.	.	.	1	1	1	.	1	.	1	1	.	.	.
$56100_1 = \chi_{28}$	.	.	1	.	2	.	.	1	1	.	1	.	1	.
$58344_1 = \chi_{29}$	1	1	.	2	.	1	1	.	.	1	.	.	.	1
$60060_1 = \chi_{30}$	.	.	.	.	.	.	1	.	1	.	.	.	1	1
$70720_1 = \chi_{31}$	2	2	1	.	.	.	.	.	.	.	.	.	.	.
$87516_1 = \chi_{32}$	.	.	1	.	.	.	.	.	1	.	.	.	.	.
$91520_1 = \chi_{34}$	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$91520_2 = \chi_{35}$	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$102102_1 = \chi_{37}$	1	1	1	1	1	.	.	.	.	1	1	.	.	.
$111384_1 = \chi_{39}$	.	.	.	.	2	.	.	1	.	.	1	1	.	.
$116025_1 = \chi_{41}$	1	.	.	.	1	.	1	.	.	.	.	1	.	1
$136136_1 = \chi_{42}$	1	1	2	.	.	.	.	.	.	.	.	.	.	.
$182784_1 = \chi_{45}$	1	1	1	2	3	1	1	1	1	1	1	1	1	1
$219912_1 = \chi_{46}$	.	1	1	1	1	1	1	1	1	1	1	.	.	.
$228480_1 = \chi_{47}$	.	.	1	.	2	1	2	1	1	.	1	.	1	.
$251328_1 = \chi_{49}$	1	2	.	2	.	1	.	.	.	1	.	.	.	1
$255255_1 = \chi_{50}$	.	.	.	.	.	.	.	.	.	.	.	.	1	1
$259896_1 = \chi_{51}$	.	.	1	.	.	1	2	.	1	.	.	.	.	.
$331500_1 = \chi_{55}$	1	1	2	1	1	1	1	.	.	1	1	.	.	.
$339456_1 = \chi_{56}$	1	.	.	.	1	.	1	.	.	.	1	1	.	1
$340340_1 = \chi_{57}$	1	1	1	.	1	.	.	.	.	.	1	.	.	.
$364650_1 = \chi_{61}$	1	2	.	.	1	.	1	.	.	1	.	.	.	.

[illegible]

[illegible]

(Block 1:)	φ_1	φ_2	φ_4	φ_5	φ_6	φ_7	φ_9	φ_{12}	φ_{13}	φ_{16}	φ_{17}	φ_{19}	φ_{20}	φ_{21}
408408 ₁ = χ_{62}	.	.	.	.	2	.	.	.	.	1	1	.	2	.
466752 ₁ = χ_{65}	.	1	1	.	1	.	1	.	1	1	.	.	1	.
510510 ₁ = χ_{67}	2	2	2	.	2	.	.	.	.	1	1	.	.	.
556920 ₁ = χ_{68}	1	1	.	1	.	1	.	.	.	.	.	.	.	.
583440 ₁ = χ_{69}	1	1	1	2	3	2	3	1	1	1	2	1	1	1
595595 ₁ = χ_{71}	.	.	.	.	.	.	.	.	.	.	.	.	1	.
612612 ₁ = χ_{72}	1	1	.	1	.	.	.	.	.	.	.	.	.	.
612612 ₂ = χ_{73}	2	2	.	2	2	1	2	.	.	1	1	1	1	2
612612 ₃ = χ_{74}	.	2	.	.	.	1	.	.	.	.	.	.	.	.
649740 ₁ = χ_{75}	.	1	1	.	1	.	1	.	1	1	1	.	1	.
659736 ₁ = χ_{77}	1	1	.	2	.	1	.	.	.	1	.	.	.	.
678912 ₁ = χ_{78}	1	2	2	.	1	.	1	.	.	1	1	.	.	.
714714 ₁ = χ_{79}	2	.	.	.	.	.	1	.	1	.	.	.	1	1
779688 ₁ = χ_{80}	1	.	.	.	2	.	.	.	.	.	1	1	1	.
837760 ₁ = χ_{83}	1	.	.	.	1	.	1	.	.	.	1	.	.	.
875160 ₁ = χ_{85}	1	2	.	.	.	.	.	.	.	.	.	.	.	.
875160 ₂ = χ_{86}	2	2	.	2	.	1	.	.	.	1	.	.	.	.
933504 ₁ = χ_{87}	2	2	1	.	.	.	.	.	1	.	.	.	.	.
933504 ₂ = χ_{88}	2	2	1	.	.	.	.	.	1	.	.	.	.	.
952952 ₁ = χ_{89}	1	2	.	2	2	1	1	.	.	2	1	.	.	.
1018368 ₁ = χ_{90}	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1021020 ₁ = χ_{91}	1	1	1	1	1	.	1	.	1	1	.	.	1	1
1021020 ₂ = χ_{92}	2	2	2	.	.	.	.	.	2	.	.	.	.	.
1089088 ₁ = χ_{93}	1	.	.	.	.	.	.	.	1	.	.	.	1	.
1099560 ₁ = χ_{94}	3	1	2	2	2	2	3	1	2	1	1	.	1	1
1131520 ₁ = χ_{95}	2	3	2	2	2	.	.	.	.	2	1	.	.	.
1215500 ₁ = χ_{98}	1	.	.	.	.	.	1	.	1	.	.	.	.	.
1225224 ₁ = χ_{99}	1	.	.	.	.	.	.	.	.	.	.	.	.	.
1244672 ₁ = χ_{101}	1	.	.	.	.	.	.	.	.	.	.	.	1	.
1244672 ₂ = χ_{102}	1	.	.	.	.	.	.	.	.	.	.	.	1	.
1357824 ₁ = χ_{106}	2	2	.	.	.	1	2	.	2	.	.	.	1	1
1429428 ₁ = χ_{107}	1	1	1	1	1	1	3	.	1	2	1	.	1	1
1429428 ₂ = χ_{108}	2	1	.	2	.	1	2	.	.	1	.	.	.	1
1458600 ₁ = χ_{110}	3	4	2	2	2	2	2	1	2	1	1	.	1	1
1531530 ₁ = χ_{112}	3	3	2	1	2	1	2	.	.	2	2	.	.	.
1649340 ₁ = χ_{115}	3	3	2	2	2	1	.	1	2	1	1	.	1	.
1823250 ₁ = χ_{117}	3	2	.	2	2	1	2	.	.	2	1	.	1	1
1989000 ₁ = χ_{118}	3	3	2	1	2	1	2	1	2	2	2	.	1	.
2042040 ₁ = χ_{119}	1	2	.	1	2	1	1	.	.	1	1	.	2	1
2144142 ₁ = χ_{120}	1	.	.	.	.	.	.	.	2	.	.	.	2	.

(Block 1:)	φ_{23}	φ_{25}	φ_{27}	φ_{28}	φ_{31}	φ_{33}	φ_{34}	φ_{38}	φ_{39}	φ_{41}	φ_{45}	φ_{47}	φ_{48}
$408408_1 = \chi_{62}$	.	.	2	.	.	.	.	.	.	.	.	.	1
$466752_1 = \chi_{65}$	.	.	2	.	.	.	1	1	1	.	.	.	1
$510510_1 = \chi_{67}$	1	.	.	.	.	1	1	.	.	.	.	.	1
$556920_1 = \chi_{68}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$583440_1 = \chi_{69}$	1	1	1	1	.	.	.	.	.	.	.	.	.
$595595_1 = \chi_{71}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$612612_1 = \chi_{72}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$612612_2 = \chi_{73}$	1	.	1	1	1	.	.	.	.	.	.	.	.
$612612_3 = \chi_{74}$	1	.	1	.	1	.	.	.	.	.	1	.	.
$649740_1 = \chi_{75}$	1	1	2	.	.	.	1	1	1	.	.	.	1
$659736_1 = \chi_{77}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$678912_1 = \chi_{78}$	1	1	1	.	.	1	1	.	.	.	.	.	1
$714714_1 = \chi_{79}$	.	.	.	1	.	.	.	.	.	1	.	.	.
$779688_1 = \chi_{80}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$837760_1 = \chi_{83}$	.	.	.	1	.	.	.	.	.	.	.	1	.
$875160_1 = \chi_{85}$	1	.	.	.	1	.	.	.	.	.	.	1	.
$875160_2 = \chi_{86}$	1	.	.	.	.	.	.	.	.	.	1	.	.
$933504_1 = \chi_{87}$	1	.	.	.	.	1	.	.	.	1	1	.	.
$933504_2 = \chi_{88}$	1	.	.	.	.	1	.	.	.	1	1	.	.
$952952_1 = \chi_{89}$	1	.	1	.	.	.	.	.	.	.	.	.	1
$1018368_1 = \chi_{90}$	.	.	1	.	.	.	.	.	.	.	1	.	.
$1021020_1 = \chi_{91}$	.	.	2	.	.	.	1	1	1	.	.	.	1
$1021020_2 = \chi_{92}$	1	.	.	.	.	1	1	1	1	1	1	.	.
$1089088_1 = \chi_{93}$	.	.	.	.	.	.	.	.	.	1	.	.	.
$1099560_1 = \chi_{94}$	1	1	1	1	.	1	1	1	1	1	.	.	.
$1131520_1 = \chi_{95}$	1	.	.	.	.	1	1	.	.	.	.	1	1
$1215500_1 = \chi_{98}$	.	.	.	1	.	.	.	.	.	1	.	.	.
$1225224_1 = \chi_{99}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1244672_1 = \chi_{101}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$1244672_2 = \chi_{102}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$1357824_1 = \chi_{106}$	1	.	2	1	1	.	.	1	1	1	1	.	.
$1429428_1 = \chi_{107}$	1	1	3	1	.	.	1	1	1	.	.	.	1
$1429428_2 = \chi_{108}$	.	.	1	1	.	.	.	.	.	.	.	.	.
$1458600_1 = \chi_{110}$	2	.	1	1	1	1	.	.	.	1	1	.	.
$1531530_1 = \chi_{112}$	2	1	1	1	.	1	1	.	.	.	.	1	1
$1649340_1 = \chi_{115}$	1	.	.	.	.	1	.	.	.	1	1	.	.
$1823250_1 = \chi_{117}$	1	.	2	1	.	.	.	.	.	.	.	.	1
$1989000_1 = \chi_{118}$	2	1	2	1	.	1	1	1	1	1	.	.	1
$2042040_1 = \chi_{119}$	.	.	3	.	1	.	.	.	.	.	.	1	1
$2144142_1 = \chi_{120}$	.	.	2	.	.	.	.	1	1	1	1	.	.

(Block 1:)	φ_{49}	φ_{51}	φ_{53}	φ_{54}	φ_{55}	φ_{58}	φ_{63}	φ_{66}	φ_{71}	φ_{72}
$408408_1 = \chi_{62}$	.	.	.	.	.	.	.	.	.	.
$466752_1 = \chi_{65}$	.	.	.	.	.	.	.	.	.	.
$510510_1 = \chi_{67}$	.	.	.	.	.	.	.	.	.	.
$556920_1 = \chi_{68}$	1	1	.	.	.	.	.	.	.	.
$583440_1 = \chi_{69}$	.	.	.	.	.	.	.	.	.	.
$595595_1 = \chi_{71}$	.	.	1	1	1	.	.	.	.	.
$612612_1 = \chi_{72}$	1	.	.	.	.	.	.	.	.	.
$612612_2 = \chi_{73}$	.	.	.	.	.	.	.	.	.	.
$612612_3 = \chi_{74}$	.	.	.	.	.	.	.	.	.	.
$649740_1 = \chi_{75}$	.	.	.	.	.	.	.	.	.	.
$659736_1 = \chi_{77}$	.	1	.	.	.	1	.	.	.	.
$678912_1 = \chi_{78}$	.	.	.	.	.	.	.	.	.	.
$714714_1 = \chi_{79}$	.	.	.	.	.	.	.	.	.	.
$779688_1 = \chi_{80}$	.	.	.	.	1	.	.	.	.	.
$837760_1 = \chi_{83}$	1	.	.	.	.	.	.	.	.	.
$875160_1 = \chi_{85}$	.	.	.	.	1	.	.	.	.	.
$875160_2 = \chi_{86}$	.	.	.	.	.	1	.	.	.	.
$933504_1 = \chi_{87}$	.	.	.	.	.	.	.	.	.	.
$933504_2 = \chi_{88}$	.	.	.	.	.	.	.	.	.	.
$952952_1 = \chi_{89}$	1	1	.	.	.	.	.	.	.	.
$1018368_1 = \chi_{90}$	.	.	1	1	.	1	.	.	.	.
$1021020_1 = \chi_{91}$	1	.	1	1	.	.	.	.	.	.
$1021020_2 = \chi_{92}$	.	.	.	.	.	.	.	.	.	.
$1089088_1 = \chi_{93}$	.	1	.	.	1	.	.	.	.	.
$1099560_1 = \chi_{94}$	.	.	.	.	.	.	.	.	.	.
$1131520_1 = \chi_{95}$	1	.	.	.	.	.	.	.	.	.
$1215500_1 = \chi_{98}$	1	1	.	.	.	.	.	.	.	.
$1225224_1 = \chi_{99}$	.	1	1	1	1	1	.	.	.	.
$1244672_1 = \chi_{101}$	.	1	1	1	1	1	.	.	.	.
$1244672_2 = \chi_{102}$	.	1	1	1	1	1	.	.	.	.
$1357824_1 = \chi_{106}$	.	.	.	.	.	.	.	.	.	.
$1429428_1 = \chi_{107}$	1	.	1	1	.	.	.	.	.	.
$1429428_2 = \chi_{108}$	1	1	1	1	.	1	.	.	.	.
$1458600_1 = \chi_{110}$	.	.	.	.	.	.	.	.	.	.
$1531530_1 = \chi_{112}$	1	.	.	.	.	.	.	.	.	.
$1649340_1 = \chi_{115}$	.	1	.	.	.	1	.	.	.	.
$1823250_1 = \chi_{117}$	1	1	1	1	.	1	.	.	.	.
$1989000_1 = \chi_{118}$	1	1	.	.	.	.	.	.	.	.
$2042040_1 = \chi_{119}$	1	1	1	1	1	.	.	.	.	.
$2144142_1 = \chi_{120}$	.	1	1	1	1	1	.	.	.	.

(Block 1:)	φ_1	φ_2	φ_4	φ_5	φ_6	φ_7	φ_9	φ_{12}	φ_{13}	φ_{16}	φ_{17}	φ_{19}	φ_{20}	φ_{21}
$2333760_1 = \chi_{122}$	3	2	.	2	1	1	1	.	.	1	1	.	1	1
$2333760_2 = \chi_{123}$	3	2	.	2	.	1	2	.	2	1	.	.	1	1
$2382380_1 = \chi_{125}$	.	.	2	.	1	1	1	1	1	.	1	.	1	.
$2598960_1 = \chi_{126}$	3	2	.	2	3	.	1	.	.	2	2	1	2	1
$2784600_1 = \chi_{130}$	1	1	1	2	2	1	.	1	.	1	1	.	1	.
$2858856_1 = \chi_{131}$	4	3	2	2	2	1	2	.	2	2	1	.	2	1
$2858856_2 = \chi_{132}$	4	2	.	3	2	1	2	.	.	1	1	1	1	1
$2970240_1 = \chi_{134}$	3	2	2	1	4	1	3	1	2	2	3	1	2	1
$3198720_1 = \chi_{138}$	5	3	2	2	4	1	2	1	2	1	2	1	2	1
$3267264_1 = \chi_{140}$	3	2	.	1	2	.	1	.	.	1	.	1	1	1
$3403400_1 = \chi_{142}$	3	2	.	2	2	1	1	.	.	2	1	.	.	.
$3646500_1 = \chi_{146}$	3	2	.	1	2	1	1	.	.	2	1	.	2	1
$3734016_1 = \chi_{148}$	5	5	2	2	2	1	2	.	2	2	1	.	2	1
$3960320_1 = \chi_{150}$	.	.	1	.	1	1	1	1	1	.	1	.	1	.
$3960320_2 = \chi_{151}$	.	.	1	.	1	1	1	1	1	.	1	.	1	.
$3978000_1 = \chi_{153}$	3	3	3	2	2	2	2	1	2	1	1	.	1	.
$4288284_1 = \chi_{156}$	2	1	1	1	1	1	.	1	.	.	.	.	.	.
$4455360_1 = \chi_{157}$	2	.	1	.	3	1	.	1	.	.	1	1	1	.
$4691456_1 = \chi_{160}$	1	1	1	.	.	.	.	.	1	.	.	.	1	.
$4691456_2 = \chi_{161}$	1	1	1	.	.	.	.	.	1	.	.	.	1	.
$4862000_1 = \chi_{163}$	3	1	.	.	.	.	.	.	1	.	.	.	2	.
$4950400_1 = \chi_{164}$	2	2	2	2	3	2	2	1	1	2	1	.	1	.
$5105100_1 = \chi_{167}$	8	6	2	3	2	2	2	.	2	2	2	.	2	1
$5105100_2 = \chi_{168}$	4	2	1	3	2	2	2	1	2	1	1	.	2	1
$5361664_1 = \chi_{171}$	3	1	.	.	.	1	1	.	1	.	.	.	.	.
$5469750_1 = \chi_{172}$	2	2	1	.	1	1	.	1	2	.	.	.	2	.
$6126120_1 = \chi_{174}$	4	3	3	1	3	2	2	1	2	2	2	.	2	.
$6534528_1 = \chi_{178}$	4	2	2	2	4	2	3	1	1	2	2	1	2	1
$6534528_2 = \chi_{179}$	6	4	3	3	2	3	4	1	4	2	2	.	2	1
$6789120_1 = \chi_{180}$	5	2	1	2	3	2	2	1	2	1	1	1	2	1
$6872250_1 = \chi_{181}$	4	2	.	2	.	2	1	.	1	1	.	.	2	1
$8486400_1 = \chi_{189}$	7	6	3	2	3	3	4	1	4	2	1	.	3	1
$8576568_1 = \chi_{190}$	2	2	2	2	2	2	2	1	2	1	1	.	1	.
$9529520_1 = \chi_{194}$	2	1	2	.	1	1	1	1	2	.	.	.	1	.
$9801792_1 = \chi_{195}$	9	6	3	4	5	3	4	1	2	3	3	1	3	2
$10720710_1 = \chi_{196}$	9	6	3	4	5	3	4	1	4	3	3	1	5	2
$16243500_1 = \chi_{199}$	7	3	3	3	5	4	5	3	5	2	3	1	4	1
$16336320_1 = \chi_{200}$	7	5	3	3	3	4	3	2	5	1	1	.	4	1

(Block 1:)	φ_{23}	φ_{25}	φ_{27}	φ_{28}	φ_{31}	φ_{33}	φ_{34}	φ_{38}	φ_{39}	φ_{41}	φ_{45}	φ_{47}	φ_{48}
$2333760_1 = \chi_{122}$	1	.	1	1	1	.	.	.	.	.	.	1	.
$2333760_2 = \chi_{123}$	1	.	2	1	.	.	.	1	1	1	1	.	.
$2382380_1 = \chi_{125}$	.	1	1	.	.	.	1	1	1	.	.	.	.
$2598960_1 = \chi_{126}$	1	.	2	1	.	.	.	.	.	.	.	1	1
$2784600_1 = \chi_{130}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$2858856_1 = \chi_{131}$	1	.	3	1	.	1	1	1	1	1	1	.	1
$2858856_2 = \chi_{132}$	.	.	1	1	.	.	.	.	.	.	.	1	.
$2970240_1 = \chi_{134}$	1	1	3	1	.	1	1	1	1	1	.	1	1
$3198720_1 = \chi_{138}$	1	.	1	1	.	1	.	.	.	1	1	1	.
$3267264_1 = \chi_{140}$	1	.	2	.	.	.	.	.	.	.	.	.	1
$3403400_1 = \chi_{142}$	1	.	1	1	.	.	.	.	.	.	.	1	1
$3646500_1 = \chi_{146}$	2	.	3	1	1	.	.	.	.	.	.	.	1
$3734016_1 = \chi_{148}$	2	.	3	1	1	1	1	1	1	1	1	1	1
$3960320_1 = \chi_{150}$	.	1	1	.	.	.	.	1	1	.	.	.	.
$3960320_2 = \chi_{151}$	.	1	1	.	.	.	.	1	1	.	.	.	.
$3978000_1 = \chi_{153}$	1	1	1	.	.	1	1	1	1	1	1	.	.
$4288284_1 = \chi_{156}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$4455360_1 = \chi_{157}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$4691456_1 = \chi_{160}$	.	.	1	.	.	.	.	1	1	.	1	.	.
$4691456_2 = \chi_{161}$	.	.	1	.	.	.	.	1	1	.	1	.	.
$4862000_1 = \chi_{163}$	.	.	2	.	.	.	.	1	1	1	1	.	.
$4950400_1 = \chi_{164}$	1	1	2	.	.	.	1	1	1	.	.	.	1
$5105100_1 = \chi_{167}$	3	.	2	2	1	2	.	.	.	2	2	1	.
$5105100_2 = \chi_{168}$	.	.	2	1	.	.	.	1	1	1	1	.	.
$5361664_1 = \chi_{171}$	1	.	1	1	.	.	.	1	1	1	1	.	.
$5469750_1 = \chi_{172}$	1	.	2	.	1	.	.	1	1	1	1	.	.
$6126120_1 = \chi_{174}$	2	1	3	1	.	1	1	1	1	1	1	.	1
$6534528_1 = \chi_{178}$	1	1	3	1	.	.	1	1	1	.	.	.	1
$6534528_2 = \chi_{179}$	2	1	3	2	.	1	1	2	2	2	2	.	.
$6789120_1 = \chi_{180}$	1	.	2	1	.	.	.	1	1	1	1	.	.
$6872250_1 = \chi_{181}$	1	.	3	1	1	.	.	1	1	1	1	.	.
$8486400_1 = \chi_{189}$	3	1	5	1	1	1	1	2	2	2	2	.	1
$8576568_1 = \chi_{190}$	1	1	1	.	.	.	.	2	2	.	1	.	.
$9529520_1 = \chi_{194}$	1	1	1	.	.	.	.	2	2	.	1	.	.
$9801792_1 = \chi_{195}$	3	1	4	2	1	1	1	1	1	1	1	1	1
$10720710_1 = \chi_{196}$	3	1	6	2	1	1	1	2	2	2	2	1	1
$16243500_1 = \chi_{199}$	2	2	4	2	.	.	.	3	3	2	2	.	.
$16336320_1 = \chi_{200}$	2	1	4	1	1	.	.	3	3	2	3	.	.

(Block 1:)	φ_{49}	φ_{51}	φ_{53}	φ_{54}	φ_{55}	φ_{58}	φ_{63}	φ_{66}	φ_{71}	φ_{72}
$2333760_1 = \chi_{122}$	1	1	1	1	1	1	.	.	.	.
$2333760_2 = \chi_{123}$	1	1	1	1	.	1	.	.	.	.
$2382380_1 = \chi_{125}$	.	1	.	.	.	.	.	1	.	.
$2598960_1 = \chi_{126}$	1	1	1	1	1	1	.	.	.	.
$2784600_1 = \chi_{130}$	.	2	.	.	.	1	.	1	.	.
$2858856_1 = \chi_{131}$	1	1	1	1	.	1	.	.	.	.
$2858856_2 = \chi_{132}$	1	2	1	1	1	2	.	.	.	.
$2970240_1 = \chi_{134}$	1	1	1	1	1	.	.	.	.	.
$3198720_1 = \chi_{138}$	1	1	1	1	1	1	.	.	.	.
$3267264_1 = \chi_{140}$	1	.	1	1	1	.	1	.	.	.
$3403400_1 = \chi_{142}$	2	.	.	.	.	.	1	.	.	.
$3646500_1 = \chi_{146}$	1	.	1	1	1	.	1	.	.	.
$3734016_1 = \chi_{148}$	1	1	1	1	1	1	.	.	.	.
$3960320_1 = \chi_{150}$	.	1	.	.	.	.	.	1	.	1
$3960320_2 = \chi_{151}$	.	1	.	.	.	.	.	1	1	.
$3978000_1 = \chi_{153}$	.	2	.	.	.	1	.	1	.	.
$4288284_1 = \chi_{156}$	1	1	.	.	.	.	1	1	.	.
$4455360_1 = \chi_{157}$	.	1	.	.	1	.	1	1	.	.
$4691456_1 = \chi_{160}$	.	1	1	.	.	1	.	1	.	1
$4691456_2 = \chi_{161}$	.	1	.	1	.	1	.	1	1	.
$4862000_1 = \chi_{163}$	.	3	1	1	1	2	.	1	.	.
$4950400_1 = \chi_{164}$	1	1	.	.	.	.	1	1	.	.
$5105100_1 = \chi_{167}$	1	2	1	1	1	2	.	.	.	.
$5105100_2 = \chi_{168}$	1	3	1	1	.	2	.	1	.	.
$5361664_1 = \chi_{171}$	1	1	.	.	.	.	1	1	.	.
$5469750_1 = \chi_{172}$	.	1	.	.	1	.	1	1	.	.
$6126120_1 = \chi_{174}$	1	1	.	.	.	.	1	1	.	.
$6534528_1 = \chi_{178}$	1	2	1	1	1	1	1	1	.	.
$6534528_2 = \chi_{179}$	1	3	1	1	.	2	.	1	.	.
$6789120_1 = \chi_{180}$	1	2	1	1	1	1	1	1	.	.
$6872250_1 = \chi_{181}$	1	2	1	1	1	1	1	1	.	.
$8486400_1 = \chi_{189}$	1	2	1	1	1	1	1	1	.	.
$8576568_1 = \chi_{190}$	.	2	.	.	.	1	.	2	1	1
$9529520_1 = \chi_{194}$	.	.	.	.	.	.	1	2	1	1
$9801792_1 = \chi_{195}$	2	3	2	2	2	2	1	1	.	.
$10720710_1 = \chi_{196}$	2	3	2	2	2	2	1	1	.	.
$16243500_1 = \chi_{199}$	1	4	1	1	1	2	1	3	1	1
$16336320_1 = \chi_{200}$	1	4	1	1	1	2	1	3	1	1

φ_1	=	1_1	φ_{33}	=	65721_1
φ_2	=	16_1	φ_{34}	=	70158_1
φ_4	=	120_1	φ_{38}	=	6435_1
φ_5	=	647_1	φ_{39}	=	6435_2
φ_6	=	560_1	φ_{41}	=	453661_1
φ_7	=	1597_1	φ_{45}	=	404755_1
φ_9	=	1820_1	φ_{47}	=	251482_1
φ_{12}	=	20044_1	φ_{48}	=	338200_1
φ_{13}	=	4368_1	φ_{49}	=	360466_1
φ_{16}	=	7752_1	φ_{51}	=	194193_1
φ_{17}	=	22440_1	φ_{53}	=	73645_1
φ_{19}	=	67780_1	φ_{54}	=	73645_2
φ_{20}	=	8008_1	φ_{55}	=	428857_1
φ_{21}	=	45864_1	φ_{58}	=	454883_1
φ_{23}	=	4845_1	φ_{63}	=	1831700_1
φ_{25}	=	155703_1	φ_{66}	=	1878939_1
φ_{27}	=	11440_1	φ_{71}	=	1648218_1
φ_{28}	=	200991_1	φ_{72}	=	1648218_2
φ_{31}	=	189943_1			

Block 2:	φ_3	φ_{10}	φ_{11}	φ_{14}	φ_{15}	φ_{26}	φ_{29}	φ_{32}	φ_{35}	φ_{36}	φ_{37}	φ_{40}	φ_{43}
$135_1 = \chi_3$	1	.	.	.	.	.	.	.	.	.	.	.	.
$5508_1 = \chi_{12}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$7020_1 = \chi_{15}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$11934_1 = \chi_{17}$	1	.	.	.	.	.	.	1	.	.	.	.	.
$24192_1 = \chi_{22}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$29835_1 = \chi_{25}$	1	.	1	.	1	.	.	.	.	.	.	.	.
$35343_1 = \chi_{26}$	.	1	.	1	.	.	.	.	.	.	.	.	.
$112320_1 = \chi_{40}$	.	.	.	.	.	.	1	.	.	.	.	.	.
$143208_1 = \chi_{43}$	1	.	.	.	.	.	.	.	1	.	.	.	.
$162162_1 = \chi_{44}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$238680_1 = \chi_{48}$	.	1	.	1	.	1	.	.	.	.	.	.	.
$302940_1 = \chi_{53}$	2	.	1	.	.	.	.	1	.	.	.	.	.
$353430_1 = \chi_{58}$	.	1	.	.	.	1	.	.	1	.	.	.	.
$358020_1 = \chi_{59}$	.	2	.	1	.	1	1	.	.	.	.	.	.
$447525_1 = \chi_{63}$	.	.	.	.	.	.	.	.	.	.	.	1	.
$459459_1 = \chi_{64}$	.	.	.	.	.	.	1	.	.	.	.	.	1
$501228_1 = \chi_{66}$	.	.	.	.	.	.	.	.	.	1	.	.	.
$656370_1 = \chi_{76}$	.	.	.	.	1	.	.	.	.	.	1	.	.
$787644_2 = \chi_{82}$	2	.	.	.	.	.	.	1	1	.	.	.	1
$848232_1 = \chi_{84}$	.	2	.	1	.	1	1	.	1	.	.	.	1
$1145664_1 = \chi_{96}$	2	.	1	.	2	.	.	1	.	.	1	1	.
$1175040_1 = \chi_{97}$	1	.	1	.	1	.	.	1	.	1	1	.	.
$1233792_1 = \chi_{100}$	1	.	1	.	.	.	.	.	.	.	.	.	.
$1312740_1 = \chi_{104}$	1	1	.	.	.	.	.	1	.	.	.	.	.
$1349460_1 = \chi_{105}$	.	.	1	.	2	.	.	.	.	1	1	1	.
$1432080_1 = \chi_{109}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1575288_1 = \chi_{113}$	.	1	.	.	.	.	1	.	.	.	.	1	.
$1575288_2 = \chi_{114}$	.	.	.	.	.	.	.	.	.	.	.	.	1
$2625480_1 = \chi_{127}$	1	.	.	.	1	.	.	1	.	1	1	1	.
$2756754_1 = \chi_{128}$	1	.	.	.	1	.	.	.	.	.	.	1	.
$2923830_1 = \chi_{133}$	1	1	.	.	.	1	.	.	1	.	.	.	.
$3055104_1 = \chi_{136}$	.	1	.	.	.	1	1	.	.	.	.	1	.
$3281850_1 = \chi_{141}$	.	.	.	.	.	.	1	.	.	.	.	1	1
$3508596_1 = \chi_{143}$	1	2	.	1	.	1	1	.	1	.	.	.	1
$3508596_2 = \chi_{144}$	1	.	1	.	2	.	.	.	.	.	1	1	.
$3675672_1 = \chi_{147}$	1	1	.	.	1	.	1	1	.	.	1	1	.
$4200768_1 = \chi_{154}$	1	1	1	.	1	1	.	.	.	.	.	1	.
$4594590_1 = \chi_{159}$	2	1	1	.	1	1	1	1	1	.	1	1	1
$5012280_1 = \chi_{165}$	1	2	.	1	.	2	1	.	1	.	.	1	1
$5012280_2 = \chi_{166}$	.	.	1	.	.	.	.	.	.	1	.	.	.

(Block 2:)	φ_{44}	φ_{50}	φ_{61}	φ_{64}	φ_{65}	φ_{68}	φ_{70}
$135_1 = \chi_3$	.	.	.	.	.	.	.
$5508_1 = \chi_{12}$	.	.	.	.	.	.	.
$7020_1 = \chi_{15}$	.	.	.	.	.	.	.
$11934_1 = \chi_{17}$	.	.	.	.	.	.	.
$24192_1 = \chi_{22}$	.	.	.	.	.	.	.
$29835_1 = \chi_{25}$	.	.	.	.	.	.	.
$35343_1 = \chi_{26}$	.	.	.	.	.	.	.
$112320_1 = \chi_{40}$	.	.	.	.	.	.	.
$143208_1 = \chi_{43}$	.	.	.	.	.	.	.
$162162_1 = \chi_{44}$	.	.	.	.	.	.	.
$238680_1 = \chi_{48}$	.	.	.	.	.	.	.
$302940_1 = \chi_{53}$	1	.	.	.	.	.	.
$353430_1 = \chi_{58}$	.	.	.	.	.	.	.
$358020_1 = \chi_{59}$	.	.	.	.	.	.	.
$447525_1 = \chi_{63}$	1	.	.	.	.	.	.
$459459_1 = \chi_{64}$	.	.	.	.	.	.	.
$501228_1 = \chi_{66}$	.	.	.	.	.	.	.
$656370_1 = \chi_{76}$	.	.	.	.	.	.	.
$787644_2 = \chi_{82}$	1	.	.	.	.	.	.
$848232_1 = \chi_{84}$	.	.	.	.	.	.	.
$1145664_1 = \chi_{96}$	1	.	.	.	.	.	.
$1175040_1 = \chi_{97}$	.	.	.	.	.	.	.
$1233792_1 = \chi_{100}$	.	.	.	1	.	.	.
$1312740_1 = \chi_{104}$	.	1	.	.	.	.	.
$1349460_1 = \chi_{105}$	.	.	.	.	.	.	.
$1432080_1 = \chi_{109}$	.	.	.	.	.	1	.
$1575288_1 = \chi_{113}$	.	1	.	.	.	.	.
$1575288_2 = \chi_{114}$	.	.	.	1	.	.	.
$2625480_1 = \chi_{127}$	.	1	.	.	.	.	.
$2756754_1 = \chi_{128}$	.	.	1	.	.	.	.
$2923830_1 = \chi_{133}$	.	.	1	.	.	.	.
$3055104_1 = \chi_{136}$	.	.	1	.	.	.	.
$3281850_1 = \chi_{141}$	.	.	.	1	.	1	.
$3508596_1 = \chi_{143}$	.	.	.	1	.	1	.
$3508596_2 = \chi_{144}$	.	.	.	1	.	1	.
$3675672_1 = \chi_{147}$	.	1	.	.	.	1	.
$4200768_1 = \chi_{154}$	.	.	1	1	.	.	.
$4594590_1 = \chi_{159}$	1	.	.	1	.	1	.
$5012280_1 = \chi_{165}$	.	.	1	1	.	.	.
$5012280_2 = \chi_{166}$	.	.	.	.	.	.	1

(Block 2:)	φ_3	φ_{10}	φ_{11}	φ_{14}	φ_{15}	φ_{26}	φ_{29}	φ_{32}	φ_{35}	φ_{36}	φ_{37}	φ_{40}	φ_{43}
$5250960_1 = \chi_{169}$	2	1	1	.	1	1	1	.	1	.	.	2	1
$5346432_1 = \chi_{170}$	1	1	.	1	.	.	.	.	.	.	.	.	.
$5937624_1 = \chi_{173}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$6265350_1 = \chi_{175}$	2	1	.	1	.	.	1	1	.	.	.	1	1
$6432426_1 = \chi_{177}$	2	.	1	.	1	.	.	1	.	.	1	1	.
$7876440_2 = \chi_{185}$	.	2	1	1	.	1	1	.	.	.	.	.	1
$8078400_1 = \chi_{187}$	1	.	1	.	.	.	1	.	.	.	.	1	1
$9165312_1 = \chi_{191}$	2	.	2	.	2	.	.	1	.	1	1	1	1
$9189180_1 = \chi_{192}$	.	1	1	1	1	1	1	.	.	1	1	1	1
$9189180_2 = \chi_{193}$	1	.	1	1	.	.	.	.	.	.	.	.	1
$13366080_1 = \chi_{198}$	2	1	1	1	1	.	1	1	.	1	1	1	1

(Block 2:)	φ_{44}	φ_{50}	φ_{61}	φ_{64}	φ_{65}	φ_{68}	φ_{70}
$5250960_1 = \chi_{169}$	1	.	1	1	.	.	.
$5346432_1 = \chi_{170}$	.	1	.	.	1	.	.
$5937624_1 = \chi_{173}$	.	.	.	.	.	1	1
$6265350_1 = \chi_{175}$	1	1	.	.	1	.	.
$6432426_1 = \chi_{177}$	1	1	.	.	1	.	.
$7876440_2 = \chi_{185}$	.	.	.	1	.	1	1
$8078400_1 = \chi_{187}$	1	.	.	1	.	1	1
$9165312_1 = \chi_{191}$	1	.	.	1	.	1	1
$9189180_1 = \chi_{192}$	.	.	.	1	.	1	1
$9189180_2 = \chi_{193}$	1	.	.	.	1	.	1
$13366080_1 = \chi_{198}$	1	1	.	.	1	1	1

φ_3	=	135_1
φ_{10}	=	7020_1
φ_{11}	=	5508_1
φ_{14}	=	28323_1
φ_{15}	=	24192_1
φ_{26}	=	203337_1
φ_{29}	=	112320_1
φ_{32}	=	11799_1
φ_{35}	=	143073_1
φ_{36}	=	501228_1
φ_{37}	=	632178_1
φ_{40}	=	162162_1
φ_{43}	=	347139_1
φ_{44}	=	285363_1
φ_{50}	=	1293786_1
φ_{61}	=	2570265_1
φ_{64}	=	1228149_1
φ_{65}	=	4017168_1
φ_{68}	=	1432080_1
φ_{70}	=	4505544_1

Block 3:	φ_8	φ_{22}	φ_{24}	φ_{30}	φ_{42}	φ_{52}	φ_{56}	φ_{60}	φ_{62}	φ_{69}
$6885_1 = \chi_{14}$	1	.	.	.	.	.	.	.	.	.
$88128_1 = \chi_{33}$	1	.	1	.	.	.	.	.	.	.
$106029_1 = \chi_{38}$	.	1	.	.	.	.	.	.	.	.
$268515_1 = \chi_{52}$	.	.	.	1	.	.	.	.	.	.
$363528_1 = \chi_{60}$	2	.	1	1	.	.	.	.	.	.
$590733_1 = \chi_{70}$	.	.	.	.	.	.	1	.	.	.
$787644_1 = \chi_{81}$	.	.	1	.	.	.	.	1	.	.
$1272348_1 = \chi_{103}$	.	.	.	.	.	.	.	.	1	.
$1503684_1 = \chi_{111}$	1	.	.	.	.	1	.	.	.	.
$1790100_1 = \chi_{116}$	.	1	.	.	1	.	.	.	.	.
$2148120_1 = \chi_{121}$	1	.	2	.	.	.	.	1	1	.
$2362932_1 = \chi_{124}$	1	.	.	1	.	1	1	.	.	.
$2756754_2 = \chi_{129}$	.	1	1	.	.	.	1	1	1	.
$3007368_1 = \chi_{135}$	1	.	2	1	.	.	1	1	1	.
$3180870_1 = \chi_{137}$	.	.	.	.	1	1	.	.	.	.
$3877632_1 = \chi_{149}$	.	1	.	.	1	1	1	.	.	.
$4230144_1 = \chi_{155}$	2	.	1	.	.	.	.	.	.	1
$4725864_1 = \chi_{162}$	.	.	.	.	.	.	1	.	.	1
$6361740_1 = \chi_{176}$	2	.	1	1	.	.	1	.	1	1
$7876440_1 = \chi_{184}$	1	1	1	.	1	.	1	.	1	1
$8019648_1 = \chi_{186}$	1	1	.	.	1	1	1	.	.	1
$8270262_1 = \chi_{188}$	2	.	1	1	1	1	1	.	.	1

$$\begin{aligned}
\varphi_8 &= 6885_1 & \varphi_{52} &= 1496799_1 \\
\varphi_{22} &= 106029_1 & \varphi_{56} &= 590733_1 \\
\varphi_{24} &= 81243_1 & \varphi_{60} &= 706401_1 \\
\varphi_{30} &= 268515_1 & \varphi_{62} &= 1272348_1 \\
\varphi_{42} &= 1684071_1 & \varphi_{69} &= 4135131_1
\end{aligned}$$

Block 4:	φ_{18}	φ_{46}	φ_{57}	φ_{59}	φ_{67}	
$99144_1 = \chi_{36}$	1	.	.	.	.	
$322218_1 = \chi_{54}$	.	1	.	.	.	$\varphi_{18} = 99144_1$
$3222180_1 = \chi_{139}$	.	.	.	1	.	$\varphi_{46} = 322218_1$
$3544398_1 = \chi_{145}$	.	.	1	.	.	$\varphi_{57} = 3544398_1$
$3965760_1 = \chi_{152}$	1	1	1	.	.	$\varphi_{59} = 3222180_1$
$4511052_1 = \chi_{158}$	1	.	.	.	1	$\varphi_{67} = 4411908_1$
$7088796_1 = \chi_{182}$	.	1	1	1	.	
$7634088_1 = \chi_{183}$	.	.	.	1	1	
$11277630_1 = \chi_{197}$	1	.	1	1	1	