

$Fi_{22}.2 \pmod{3}$

	blocks	defect	matrix
3.G :	1	10	141×32
	2	2	9×4
	3	2	9×4
	4	1	3×2
6.G :	5	10	72×9

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.
$78_1 = \chi_{2,0}$	1	.	1	.	.	.	.	.	.	.	.
$78_2 = \chi_{2,1}$	.	1	.	1	.	.	.	.	.	.	.
$429_1 = \chi_{3,0}$	1	.	1	.	1	.	.	.	.	.	.
$429_2 = \chi_{3,1}$	.	1	.	1	.	1	.	.	.	.	.
$1001_1 = \chi_{4,0}$	.	.	.	1	.	.	1	.	.	.	.
$1001_2 = \chi_{4,1}$	.	.	1	.	.	.	.	1	.	.	.
$1430_1 = \chi_{5,0}$	1	.	2	.	1	.	1	.	.	.	.
$1430_2 = \chi_{5,1}$	.	1	.	2	.	1	.	1	.	.	.
$3003_1 = \chi_{6,0}$	.	.	1	.	.	.	.	.	.	.	1
$3003_2 = \chi_{6,1}$	.	.	.	1	.	.	.	.	.	.	.
$3080_1 = \chi_{7,0}$	1	.	1	.	1	.	.	.	1	.	.
$3080_2 = \chi_{7,1}$	.	1	.	1	.	1	.	.	.	1	.
$10725_1 = \chi_{8,0}$	.	.	1	.	.	.	.	.	.	.	1
$10725_2 = \chi_{8,1}$	.	.	.	1	.	.	.	.	.	.	.
$13650_1 = \chi_{9,0}$	1	.	1	.	1	.	1	.	1	.	.
$13650_2 = \chi_{9,1}$	.	1	.	1	.	1	.	1	.	1	.
$30030_1 = \chi_{10,0}$	2	.	3	.	1	.	1	.	2	.	2
$30030_2 = \chi_{10,1}$	.	2	.	3	.	1	.	1	.	2	.
$32032_1 = \chi_{11,0}$	1	.	3	.	1	.	1	.	1	.	1
$32032_2 = \chi_{11,1}$	.	1	.	3	.	1	.	1	.	1	.
$43680_1 = \chi_{12,0}$	.	.	2	.	1	.	2	.	.	.	1
$43680_2 = \chi_{12,1}$	.	.	.	2	.	1	.	2	.	.	.
$45045_1 = \chi_{13,0}$	1	.	.	.	.	.	.	.	1	.	.
$45045_2 = \chi_{13,1}$	.	1	.	.	.	.	.	.	.	1	1
$48048_1 = \chi_{14,0}$	1	.	1	.	.	.	.	1	1	.	1
$48048_2 = \chi_{14,1}$	.	1	.	1	.	.	1	.	.	1	1
$50050_1 = \chi_{15,0}$	.	.	1	.	.	.	.	1	.	.	1
$50050_2 = \chi_{15,1}$	.	.	.	1	.	.	1	.	.	.	.
$50050_3 = \chi_{16,0}$	.	.	1	.	.	.	1	.	.	.	1
$50050_4 = \chi_{16,1}$	.	.	.	1	.	.	.	1	.	.	.
$75075_1 = \chi_{17,0}$	2	.	3	.	1	.	1	1	2	.	1
$75075_2 = \chi_{17,1}$	.	2	.	3	.	1	1	1	.	2	.
$75075_3 = \chi_{18,0}$	.	1	.	1	.	1	1	.	.	1	1
$75075_4 = \chi_{18,1}$	1	.	1	.	1	.	.	1	1	.	1
$75075_5 = \chi_{19,0}$	.	.	.	.	.	.	1	.	.	.	1
$75075_6 = \chi_{19,1}$	.	.	.	.	.	.	.	1	.	.	.
$81081_1 = \chi_{20,0}$	.	.	3	.	1	.	2	.	.	.	2
$81081_2 = \chi_{20,1}$	.	.	.	3	.	1	.	2	.	.	.

(Block 1:)	$\varphi_{6,1}$	φ_{7+}	$\varphi_{9,0}$	$\varphi_{9,1}$	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{14,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.
$78_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.
$78_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.
$429_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.
$429_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.
$1001_1 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.
$1001_2 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.	.
$1430_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.
$1430_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.	.
$3003_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.	.
$3003_2 = \chi_{6,1}$	1	.	.	.	.	.	.	.	.	.
$3080_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.
$3080_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.	.
$10725_1 = \chi_{8,0}$	.	.	1	.	.	.	.	.	.	.
$10725_2 = \chi_{8,1}$	1	.	.	1	.	.	.	.	.	.
$13650_1 = \chi_{9,0}$	.	1	.	.	.	.	.	.	.	.
$13650_2 = \chi_{9,1}$	.	1	.	.	.	.	.	.	.	.
$30030_1 = \chi_{10,0}$	.	1	1	.	.	.	.	.	.	.
$30030_2 = \chi_{10,1}$	2	1	.	1	.	.	.	.	.	.
$32032_1 = \chi_{11,0}$	.	.	1	.	.	1	.	.	.	.
$32032_2 = \chi_{11,1}$	1	.	.	1	.	.	1	.	.	.
$43680_1 = \chi_{12,0}$	.	.	.	.	.	1	.	1	.	.
$43680_2 = \chi_{12,1}$	1	.	.	.	.	.	1	.	1	.
$45045_1 = \chi_{13,0}$	1	1	.	.	.	.	.	.	.	1
$45045_2 = \chi_{13,1}$	.	1	.	.	.	.	.	.	.	.
$48048_1 = \chi_{14,0}$	1	1	1	.	.	.	.	.	1	.
$48048_2 = \chi_{14,1}$	1	1	.	1	.	.	.	1	.	.
$50050_1 = \chi_{15,0}$	.	.	1	.	.	1	.	.	1	.
$50050_2 = \chi_{15,1}$	1	.	.	1	.	.	1	1	.	.
$50050_3 = \chi_{16,0}$	.	.	.	.	1	.	.	1	.	.
$50050_4 = \chi_{16,1}$	1	.	.	.	1	.	.	.	1	.
$75075_1 = \chi_{17,0}$	.	1	1	.	.	1	.	.	.	1
$75075_2 = \chi_{17,1}$	1	1	.	1	.	.	1	.	.	.
$75075_3 = \chi_{18,0}$	1	1	.	.	.	.	.	.	.	.
$75075_4 = \chi_{18,1}$	1	1	.	.	.	.	.	.	.	.
$75075_5 = \chi_{19,0}$	.	.	.	.	.	.	.	1	.	.
$75075_6 = \chi_{19,1}$	1	.	.	.	.	.	.	.	1	.
$81081_1 = \chi_{20,0}$	.	.	.	.	.	1	.	.	.	.
$81081_2 = \chi_{20,1}$	2	.	.	.	.	.	1	.	.	.

(Block 1:)	$\varphi_{14,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{16,0}$	$\varphi_{16,1}$	φ_{17+}	$\varphi_{19,0}$	$\varphi_{19,1}$	φ_{20+}	$\varphi_{22,0}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.
$78_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.
$78_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.
$429_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.	.	.
$429_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.	.	.
$1001_1 = \chi_{4,0}$	.	.	.	.	.	.	.	.	.	.
$1001_2 = \chi_{4,1}$	.	.	.	.	.	.	.	.	.	.
$1430_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.	.	.
$1430_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.	.	.
$3003_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.	.	.
$3003_2 = \chi_{6,1}$	.	.	.	.	.	.	.	.	.	.
$3080_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.	.	.
$3080_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.	.	.
$10725_1 = \chi_{8,0}$	.	.	.	.	.	.	.	.	.	.
$10725_2 = \chi_{8,1}$	.	.	.	.	.	.	.	.	.	.
$13650_1 = \chi_{9,0}$	.	.	.	.	.	.	.	.	.	.
$13650_2 = \chi_{9,1}$	.	.	.	.	.	.	.	.	.	.
$30030_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.	.	.
$30030_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.	.	.
$32032_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.	.	.
$32032_2 = \chi_{11,1}$	.	.	.	.	.	.	.	.	.	.
$43680_1 = \chi_{12,0}$	.	.	.	.	.	.	.	.	.	.
$43680_2 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.	.
$45045_1 = \chi_{13,0}$	.	.	.	.	.	.	.	.	.	.
$45045_2 = \chi_{13,1}$	1	.	.	.	.	.	.	.	.	.
$48048_1 = \chi_{14,0}$	.	.	.	.	.	.	.	.	.	.
$48048_2 = \chi_{14,1}$	.	.	.	.	.	.	.	.	.	.
$50050_1 = \chi_{15,0}$	.	.	.	.	.	.	.	.	.	.
$50050_2 = \chi_{15,1}$	.	.	.	.	.	.	.	.	.	.
$50050_3 = \chi_{16,0}$	.	.	.	.	.	.	.	.	.	.
$50050_4 = \chi_{16,1}$	.	.	.	.	.	.	.	.	.	.
$75075_1 = \chi_{17,0}$	.	.	.	.	.	.	.	.	.	.
$75075_2 = \chi_{17,1}$	1	.	.	.	.	.	.	.	.	.
$75075_3 = \chi_{18,0}$	.	.	.	1	.	.	.	.	.	.
$75075_4 = \chi_{18,1}$	.	.	.	.	1	.	.	.	.	.
$75075_5 = \chi_{19,0}$	.	1	.	.	.	.	.	.	.	.
$75075_6 = \chi_{19,1}$	.	.	1	.	.	.	.	.	.	.
$81081_1 = \chi_{20,0}$	.	.	.	1	.	.	.	.	.	.
$81081_2 = \chi_{20,1}$	.	.	.	.	1	.	.	.	.	.

(Block 1:)	$\varphi_{22,1}$
$1_1 = \chi_{1,0}$	.
$1_2 = \chi_{1,1}$	.
$78_1 = \chi_{2,0}$	.
$78_2 = \chi_{2,1}$	.
$429_1 = \chi_{3,0}$	.
$429_2 = \chi_{3,1}$	.
$1001_1 = \chi_{4,0}$	.
$1001_2 = \chi_{4,1}$	.
$1430_1 = \chi_{5,0}$	.
$1430_2 = \chi_{5,1}$	.
$3003_1 = \chi_{6,0}$	.
$3003_2 = \chi_{6,1}$	.
$3080_1 = \chi_{7,0}$	.
$3080_2 = \chi_{7,1}$	.
$10725_1 = \chi_{8,0}$	.
$10725_2 = \chi_{8,1}$	.
$13650_1 = \chi_{9,0}$	.
$13650_2 = \chi_{9,1}$	.
$30030_1 = \chi_{10,0}$	.
$30030_2 = \chi_{10,1}$	.
$32032_1 = \chi_{11,0}$	.
$32032_2 = \chi_{11,1}$	.
$43680_1 = \chi_{12,0}$	.
$43680_2 = \chi_{12,1}$	.
$45045_1 = \chi_{13,0}$	.
$45045_2 = \chi_{13,1}$	.
$48048_1 = \chi_{14,0}$	.
$48048_2 = \chi_{14,1}$	.
$50050_1 = \chi_{15,0}$	.
$50050_2 = \chi_{15,1}$	.
$50050_3 = \chi_{16,0}$	.
$50050_4 = \chi_{16,1}$	.
$75075_1 = \chi_{17,0}$	.
$75075_2 = \chi_{17,1}$	.
$75075_3 = \chi_{18,0}$	.
$75075_4 = \chi_{18,1}$	.
$75075_5 = \chi_{19,0}$	.
$75075_6 = \chi_{19,1}$	.
$81081_1 = \chi_{20,0}$	.
$81081_2 = \chi_{20,1}$	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
$114400_1 = \chi_{21,0}$	.	.	1	1	.	.	1	1	1	.	2
$114400_2 = \chi_{21,1}$	.	.	1	1	.	.	1	1	.	1	.
$277200_1 = \chi_{22+}$	.	.	2	2	.	.	3	3	.	.	2
$150150_1 = \chi_{24,0}$	.	1	.	1	.	.	.	1	1	.	.
$150150_2 = \chi_{24,1}$	1	.	1	.	.	.	1	.	.	1	1
$205920_1 = \chi_{25,0}$	1	.	2	.	1	.	3	.	1	.	2
$205920_2 = \chi_{25,1}$	.	1	.	2	.	1	.	3	.	1	1
$289575_1 = \chi_{26,0}$	1	1	1	2	.	1	2	1	.	3	2
$289575_2 = \chi_{26,1}$	1	1	2	1	1	.	1	2	3	.	2
$300300_1 = \chi_{27,0}$	1	.	4	.	1	.	4	1	1	.	5
$300300_2 = \chi_{27,1}$	.	1	.	4	.	1	1	4	.	1	1
$320320_1 = \chi_{28,0}$	2	1	3	.	1	.	2	1	3	.	3
$320320_2 = \chi_{28,1}$	1	2	.	3	.	1	1	2	.	3	2
$370656_1 = \chi_{30,0}$	.	.	2	3	.	1	5	2	.	.	4
$370656_2 = \chi_{30,1}$	.	.	3	2	1	.	2	5	.	.	2
$800800_1 = \chi_{31+}$	2	2	4	4	1	1	5	5	2	2	6
$800800_2 = \chi_{33+}$	.	.	1	1	.	.	2	2	.	.	2
$450450_1 = \chi_{35,0}$	.	1	1	1	.	1	1	1	1	.	4
$450450_2 = \chi_{35,1}$	1	.	1	1	1	.	1	1	.	1	1
$450450_3 = \chi_{36,0}$	.	.	.	.	.	.	.	.	.	.	3
$450450_4 = \chi_{36,1}$	.	.	.	.	.	.	.	.	.	.	1
$576576_1 = \chi_{37,0}$	.	.	2	.	.	.	3	.	.	.	5
$576576_2 = \chi_{37,1}$	.	.	.	2	.	.	.	3	.	.	1
$579150_1 = \chi_{39,0}$	1	1	4	1	1	.	6	2	3	.	6
$579150_2 = \chi_{39,1}$	1	1	1	4	.	1	2	6	.	3	2
$1164800_1 = \chi_{40+}$	.	.	.	.	.	.	2	2	.	.	1
$600600_1 = \chi_{42,0}$	.	2	1	2	.	1	2	1	2	.	4
$600600_2 = \chi_{42,1}$	2	.	2	1	1	.	1	2	.	2	2
$1201200_1 = \chi_{43+}$	.	.	.	.	.	.	3	3	.	.	3
$675675_1 = \chi_{45,0}$	.	2	1	2	.	1	2	3	2	.	2
$675675_2 = \chi_{45,1}$	2	.	2	1	1	.	3	2	.	2	2
$720720_1 = \chi_{46,0}$	1	.	3	1	.	.	2	4	1	.	4
$720720_2 = \chi_{46,1}$	.	1	1	3	.	.	4	2	.	1	2
$800800_3 = \chi_{47,0}$	.	1	2	1	.	.	1	1	1	.	5
$800800_4 = \chi_{47,1}$	1	.	1	2	.	.	1	1	.	1	1
$972972_1 = \chi_{50,0}$	1	1	4	2	.	.	3	3	2	.	8
$972972_2 = \chi_{50,1}$	1	1	2	4	.	.	3	3	.	2	1
$1965600_1 = \chi_{51+}$	.	.	1	1	.	.	3	3	.	.	6
$1201200_2 = \chi_{53,0}$	.	2	2	4	.	1	4	5	1	1	5
$1201200_3 = \chi_{53,1}$	2	.	4	2	1	.	5	4	1	1	5

(Block 1:)	$\varphi_{6,1}$	φ_{7+}	$\varphi_{9,0}$	$\varphi_{9,1}$	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{14,0}$
114400 ₁ = $\chi_{21,0}$	.	.	2	.	.	1	.	.	1	.
114400 ₂ = $\chi_{21,1}$	2	.	.	2	.	.	1	1	.	.
277200 ₁ = χ_{22+}	2	.	1	1	1	1	1	2	2	.
150150 ₁ = $\chi_{24,0}$	1	1	.	.	.	.	.	.	.	.
150150 ₂ = $\chi_{24,1}$	.	1	.	.	.	.	.	.	.	.
205920 ₁ = $\chi_{25,0}$	1	1	1	.	.	1	.	1	.	1
205920 ₂ = $\chi_{25,1}$	2	1	.	1	.	.	1	.	1	.
289575 ₁ = $\chi_{26,0}$	2	2	.	1	.	.	.	.	.	.
289575 ₂ = $\chi_{26,1}$	2	2	1	.	.	.	.	.	.	.
300300 ₁ = $\chi_{27,0}$	1	1	2	.	1	2	.	2	2	.
300300 ₂ = $\chi_{27,1}$	5	1	.	2	1	.	2	2	2	.
320320 ₁ = $\chi_{28,0}$	2	3	1	.	.	1	.	1	.	1
320320 ₂ = $\chi_{28,1}$	3	3	.	1	.	.	1	.	1	.
370656 ₁ = $\chi_{30,0}$	2	.	1	.	1	2	1	3	2	.
370656 ₂ = $\chi_{30,1}$	4	.	.	1	1	1	2	2	3	.
800800 ₁ = χ_{31+}	6	4	1	1	2	1	1	3	3	.
800800 ₂ = χ_{33+}	2	.	1	1	.	1	1	2	2	.
450450 ₁ = $\chi_{35,0}$	1	1	2	.	.	2	.	.	2	1
450450 ₂ = $\chi_{35,1}$	4	1	.	2	.	.	2	2	.	.
450450 ₃ = $\chi_{36,0}$	1	1	.	.	1	.	.	.	1	.
450450 ₄ = $\chi_{36,1}$	3	1	.	.	1	.	.	1	.	.
576576 ₁ = $\chi_{37,0}$	1	1	1	.	1	1	.	1	2	.
576576 ₂ = $\chi_{37,1}$	5	1	.	1	1	.	1	2	1	.
579150 ₁ = $\chi_{39,0}$	2	2	2	.	1	2	.	3	2	.
579150 ₂ = $\chi_{39,1}$	6	2	.	2	1	.	2	2	3	.
1164800 ₁ = χ_{40+}	1	1	.	.	.	.	.	1	1	.
600600 ₁ = $\chi_{42,0}$	2	2	1	.	1	1	.	1	1	1
600600 ₂ = $\chi_{42,1}$	4	2	.	1	1	.	1	1	1	.
1201200 ₁ = χ_{43+}	3	2	.	.	.	.	.	1	1	.
675675 ₁ = $\chi_{45,0}$	2	2	1	.	.	1	.	1	.	1
675675 ₂ = $\chi_{45,1}$	2	2	.	1	.	.	1	.	1	.
720720 ₁ = $\chi_{46,0}$	2	1	2	.	1	2	1	2	4	.
720720 ₂ = $\chi_{46,1}$	4	1	.	2	1	1	2	4	2	.
800800 ₃ = $\chi_{47,0}$	1	1	2	.	1	2	.	1	3	.
800800 ₄ = $\chi_{47,1}$	5	1	.	2	1	.	2	3	1	.
972972 ₁ = $\chi_{50,0}$	1	2	4	.	.	4	.	2	4	1
972972 ₂ = $\chi_{50,1}$	8	2	.	4	.	.	4	4	2	.
1965600 ₁ = χ_{51+}	6	3	.	.	2	1	1	3	3	.
1201200 ₂ = $\chi_{53,0}$	5	2	2	1	1	2	1	3	4	.
1201200 ₃ = $\chi_{53,1}$	5	2	1	2	1	1	2	4	3	.

(Block 1:)	$\varphi_{14,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{16,0}$	$\varphi_{16,1}$	φ_{17+}	$\varphi_{19,0}$	$\varphi_{19,1}$	φ_{20+}	$\varphi_{22,0}$
$114400_1 = \chi_{21,0}$	.	1	.	.	.	.	.	.	.	.
$114400_2 = \chi_{21,1}$	.	.	1	.	.	.	.	.	.	.
$277200_1 = \chi_{22+}$	.	1	1	.	.	.	.	.	.	.
$150150_1 = \chi_{24,0}$	.	.	.	.	.	.	1	.	.	.
$150150_2 = \chi_{24,1}$	.	.	.	.	.	.	.	1	.	.
$205920_1 = \chi_{25,0}$	.	1	.	1	.	.	.	.	.	.
$205920_2 = \chi_{25,1}$	1	.	1	.	1	.	.	.	.	.
$289575_1 = \chi_{26,0}$	.	1	.	1	.	.	.	1	.	.
$289575_2 = \chi_{26,1}$	.	.	1	.	1	.	1	.	.	.
$300300_1 = \chi_{27,0}$	.	1	.	1	.	.	.	.	.	.
$300300_2 = \chi_{27,1}$	.	.	1	.	1	.	.	.	.	.
$320320_1 = \chi_{28,0}$	.	.	.	1	.	.	1	.	.	.
$320320_2 = \chi_{28,1}$	1	.	.	.	1	.	.	1	.	.
$370656_1 = \chi_{30,0}$	.	2	.	1	.	.	.	.	.	.
$370656_2 = \chi_{30,1}$	.	.	2	.	1	.	.	.	.	.
$800800_1 = \chi_{31+}$	.	1	1	1	1	.	1	1	.	.
$800800_2 = \chi_{33+}$	.	1	1	.	.	1	.	.	1	.
$450450_1 = \chi_{35,0}$	.	1	.	1	.	.	.	.	.	1
$450450_2 = \chi_{35,1}$	1	.	1	.	1	.	.	.	.	.
$450450_3 = \chi_{36,0}$	.	.	.	.	1	.	.	1	.	1
$450450_4 = \chi_{36,1}$	.	.	.	1	.	.	1	.	.	.
$576576_1 = \chi_{37,0}$	.	1	.	1	.	.	.	1	.	1
$576576_2 = \chi_{37,1}$	.	.	1	.	1	.	1	.	.	.
$579150_1 = \chi_{39,0}$	.	2	1	1	.	.	1	.	.	.
$579150_2 = \chi_{39,1}$	.	1	2	.	1	.	.	1	.	.
$1164800_1 = \chi_{40+}$	.	1	1	.	.	2	1	1	1	.
$600600_1 = \chi_{42,0}$	.	1	.	1	.	.	1	.	.	1
$600600_2 = \chi_{42,1}$	1	.	1	.	1	.	.	1	.	.
$1201200_1 = \chi_{43+}$	.	1	1	1	1	2	2	2	.	.
$675675_1 = \chi_{45,0}$	.	1	.	1	.	1	2	.	.	.
$675675_2 = \chi_{45,1}$	1	.	1	.	1	1	.	2	.	.
$720720_1 = \chi_{46,0}$	.	1	1	.	.	.	.	.	1	.
$720720_2 = \chi_{46,1}$	.	1	1	.	.	.	.	.	1	.
$800800_3 = \chi_{47,0}$	.	1	.	.	.	.	.	.	1	1
$800800_4 = \chi_{47,1}$	.	.	1	.	.	.	.	.	1	.
$972972_1 = \chi_{50,0}$	.	2	.	.	.	.	.	.	1	1
$972972_2 = \chi_{50,1}$	1	.	2	.	.	.	.	.	1	.
$1965600_1 = \chi_{51+}$	.	1	1	1	1	1	2	2	1	1
$1201200_2 = \chi_{53,0}$	.	2	1	1	.	1	1	.	1	.
$1201200_3 = \chi_{53,1}$	.	1	2	.	1	1	.	1	1	.

(Block 1:)	$\varphi_{22,1}$
114400 ₁ = $\chi_{21,0}$	.
114400 ₂ = $\chi_{21,1}$	.
277200 ₁ = χ_{22+}	.
150150 ₁ = $\chi_{24,0}$	.
150150 ₂ = $\chi_{24,1}$	.
205920 ₁ = $\chi_{25,0}$	.
205920 ₂ = $\chi_{25,1}$	.
289575 ₁ = $\chi_{26,0}$	.
289575 ₂ = $\chi_{26,1}$	.
300300 ₁ = $\chi_{27,0}$	.
300300 ₂ = $\chi_{27,1}$	.
320320 ₁ = $\chi_{28,0}$	.
320320 ₂ = $\chi_{28,1}$	.
370656 ₁ = $\chi_{30,0}$	.
370656 ₂ = $\chi_{30,1}$	.
800800 ₁ = χ_{31+}	.
800800 ₂ = χ_{33+}	.
450450 ₁ = $\chi_{35,0}$	.
450450 ₂ = $\chi_{35,1}$	1
450450 ₃ = $\chi_{36,0}$	.
450450 ₄ = $\chi_{36,1}$	1
576576 ₁ = $\chi_{37,0}$	.
576576 ₂ = $\chi_{37,1}$	1
579150 ₁ = $\chi_{39,0}$	.
579150 ₂ = $\chi_{39,1}$	.
1164800 ₁ = χ_{40+}	.
600600 ₁ = $\chi_{42,0}$	.
600600 ₂ = $\chi_{42,1}$	1
1201200 ₁ = χ_{43+}	.
675675 ₁ = $\chi_{45,0}$	.
675675 ₂ = $\chi_{45,1}$	.
720720 ₁ = $\chi_{46,0}$	.
720720 ₂ = $\chi_{46,1}$	.
800800 ₃ = $\chi_{47,0}$	.
800800 ₄ = $\chi_{47,1}$	1
972972 ₁ = $\chi_{50,0}$	.
972972 ₂ = $\chi_{50,1}$	1
1965600 ₁ = χ_{51+}	1
1201200 ₂ = $\chi_{53,0}$	.
1201200 ₃ = $\chi_{53,1}$	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
$1360800_1 = \chi_{54,0}$	2	2	3	3	1	1	5	5	2	2	8
$1360800_2 = \chi_{54,1}$	2	2	3	3	1	1	5	5	2	2	8
$1372800_1 = \chi_{55,0}$	2	2	3	2	1	1	4	3	2	1	7
$1372800_2 = \chi_{55,1}$	2	2	2	3	1	1	3	4	1	2	5
$1441792_1 = \chi_{56,0}$	1	1	2	1	.	.	4	2	1	.	6
$1441792_2 = \chi_{56,1}$	1	1	1	2	.	.	2	4	.	1	3
$2027025_1 = \chi_{59,0}$	.	1	1	2	.	.	4	2	1	.	7
$2027025_2 = \chi_{59,1}$	1	.	2	1	.	.	2	4	.	1	3
$2050048_1 = \chi_{60,0}$	2	2	6	4	1	1	7	7	4	.	12
$2050048_2 = \chi_{60,1}$	2	2	4	6	1	1	7	7	.	4	7
$2316600_1 = \chi_{61,0}$	.	1	1	4	.	.	4	7	1	.	7
$2316600_2 = \chi_{61,1}$	1	.	4	1	.	.	7	4	.	1	7
$2402400_1 = \chi_{62,0}$	1	2	3	4	.	1	8	5	1	2	11
$2402400_2 = \chi_{62,1}$	2	1	4	3	1	.	5	8	2	1	7
$2555904_1 = \chi_{63,0}$	2	2	4	4	1	1	7	5	2	1	9
$2555904_2 = \chi_{63,1}$	2	2	4	4	1	1	5	7	1	2	9
$2555904_3 = \chi_{64,0}$	1	1	5	4	1	1	7	7	1	1	10
$2555904_4 = \chi_{64,1}$	1	1	4	5	1	1	7	7	1	1	7
$702_1 = \chi_{115+}$	.	.	.	.	1	1	.	.	.	.	.
$15444_1 = \chi_{116+}$	.	.	.	.	.	.	.	.	.	.	.
$24948_1 = \chi_{117+}$	.	.	.	.	.	.	.	.	.	.	.
$24948_2 = \chi_{118+}$	.	.	.	.	.	.	.	.	.	.	.
$38610_1 = \chi_{119+}$	2	2	2	2	1	1	1	1	2	2	1
$39312_1 = \chi_{120+}$	.	.	3	3	1	1	2	2	.	.	.
$54054_1 = \chi_{121+}$	2	2	2	2	1	1	1	1	2	2	1
$84240_1 = \chi_{122+}$	2	2	.	.	.	.	.	.	1	1	.
$103950_1 = \chi_{123+}$	.	.	1	1	.	.	2	2	.	.	.
$108108_1 = \chi_{124+}$	.	.	3	3	.	.	2	2	.	.	2
$122850_1 = \chi_{125+}$	.	.	.	.	.	.	.	.	.	.	2
$193050_1 = \chi_{126+}$	2	2	3	3	1	1	2	2	1	1	2
$247104_1 = \chi_{127+}$	2	2	3	3	2	2	2	2	1	1	2
$471744_2 = \chi_{128+}$	.	.	.	.	.	.	.	.	.	.	1
$475200_1 = \chi_{129+}$	2	2	2	2	1	1	1	1	3	3	4
$579150_3 = \chi_{130+}$	.	.	2	2	.	.	5	5	.	.	4
$737100_1 = \chi_{132+}$	1	1	3	3	.	.	3	3	1	1	4
$737100_2 = \chi_{133+}$	1	1	3	3	.	.	3	3	1	1	4
$772200_1 = \chi_{134+}$	4	4	6	6	2	2	5	5	4	4	6
$810810_1 = \chi_{135+}$	2	2	7	7	2	2	8	8	2	2	7
$810810_2 = \chi_{136+}$	.	.	1	1	.	.	2	2	.	.	2
$864864_1 = \chi_{137+}$	.	.	1	1	1	1	2	2	.	.	2

[illegible]

(Block 1:)	$\varphi_{14,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{16,0}$	$\varphi_{16,1}$	φ_{17+}	$\varphi_{19,0}$	$\varphi_{19,1}$	φ_{20+}	$\varphi_{22,0}$
$1360800_1 = \chi_{54,0}$	.	1	1	2	2	1	2	2	.	.
$1360800_2 = \chi_{54,1}$	.	1	1	2	2	1	2	2	.	.
$1372800_1 = \chi_{55,0}$	.	1	.	2	1	1	2	2	.	1
$1372800_2 = \chi_{55,1}$	1	.	1	1	2	1	2	2	.	.
$1441792_1 = \chi_{56,0}$	.	2	.	1	.	1	1	1	1	1
$1441792_2 = \chi_{56,1}$	1	.	2	.	1	1	1	1	1	.
$2027025_1 = \chi_{59,0}$	.	3	.	1	.	2	1	1	2	1
$2027025_2 = \chi_{59,1}$	.	.	3	.	1	2	1	1	2	.
$2050048_1 = \chi_{60,0}$	.	3	1	2	1	1	2	1	1	1
$2050048_2 = \chi_{60,1}$	1	1	3	1	2	1	1	2	1	.
$2316600_1 = \chi_{61,0}$	.	3	2	.	1	2	1	1	2	1
$2316600_2 = \chi_{61,1}$	.	2	3	1	.	2	1	1	2	.
$2402400_1 = \chi_{62,0}$	.	3	1	2	1	2	2	3	1	1
$2402400_2 = \chi_{62,1}$	.	1	3	1	2	2	3	2	1	.
$2555904_1 = \chi_{63,0}$	.	2	1	2	1	2	3	2	1	1
$2555904_2 = \chi_{63,1}$	1	1	2	1	2	2	2	3	1	1
$2555904_3 = \chi_{64,0}$	.	3	2	1	1	2	1	2	2	1
$2555904_4 = \chi_{64,1}$	.	2	3	1	1	2	2	1	2	.
$702_1 = \chi_{115+}$	.	.	.	.	.	.	.	.	.	.
$15444_1 = \chi_{116+}$	.	.	.	.	.	.	.	.	.	.
$24948_1 = \chi_{117+}$	.	.	.	.	.	.	.	.	.	.
$24948_2 = \chi_{118+}$	.	.	.	.	.	.	.	.	.	.
$38610_1 = \chi_{119+}$	.	.	.	.	.	.	.	.	.	.
$39312_1 = \chi_{120+}$	.	.	.	.	.	.	.	.	.	.
$54054_1 = \chi_{121+}$	.	.	.	.	.	.	.	.	.	.
$84240_1 = \chi_{122+}$	1	.	.	.	.	.	.	.	.	.
$103950_1 = \chi_{123+}$	.	1	1	.	.	.	.	.	.	.
$108108_1 = \chi_{124+}$	.	.	.	.	.	.	.	.	.	.
$122850_1 = \chi_{125+}$	.	.	.	1	1	.	.	.	.	.
$193050_1 = \chi_{126+}$	1	.	.	.	.	.	.	.	.	.
$247104_1 = \chi_{127+}$	1	.	.	1	1	.	.	.	.	.
$471744_2 = \chi_{128+}$	1	.	.	.	.	.	.	.	.	1
$475200_1 = \chi_{129+}$	.	.	.	1	1	.	1	1	.	.
$579150_3 = \chi_{130+}$	.	2	2	.	.	.	.	.	.	.
$737100_1 = \chi_{132+}$	.	1	1	.	.	.	.	.	1	.
$737100_2 = \chi_{133+}$	.	1	1	.	.	.	.	.	1	.
$772200_1 = \chi_{134+}$	1	1	1	1	1	.	1	1	.	.
$810810_1 = \chi_{135+}$	.	2	2	1	1	.	.	.	.	.
$810810_2 = \chi_{136+}$	.	1	1	.	.	2	1	1	.	.
$864864_1 = \chi_{137+}$	.	1	1	1	1	2	1	1	.	.

(Block 1:)	$\varphi_{22,1}$
$1360800_1 = \chi_{54,0}$	.
$1360800_2 = \chi_{54,1}$	.
$1372800_1 = \chi_{55,0}$	.
$1372800_2 = \chi_{55,1}$	1
$1441792_1 = \chi_{56,0}$	.
$1441792_2 = \chi_{56,1}$	1
$2027025_1 = \chi_{59,0}$	.
$2027025_2 = \chi_{59,1}$	1
$2050048_1 = \chi_{60,0}$	.
$2050048_2 = \chi_{60,1}$	1
$2316600_1 = \chi_{61,0}$	.
$2316600_2 = \chi_{61,1}$	1
$2402400_1 = \chi_{62,0}$	.
$2402400_2 = \chi_{62,1}$	1
$2555904_1 = \chi_{63,0}$	1
$2555904_2 = \chi_{63,1}$	1
$2555904_3 = \chi_{64,0}$	.
$2555904_4 = \chi_{64,1}$	1
$702_1 = \chi_{115+}$	.
$15444_1 = \chi_{116+}$	.
$24948_1 = \chi_{117+}$	.
$24948_2 = \chi_{118+}$	.
$38610_1 = \chi_{119+}$	.
$39312_1 = \chi_{120+}$	.
$54054_1 = \chi_{121+}$	.
$84240_1 = \chi_{122+}$	.
$103950_1 = \chi_{123+}$	.
$108108_1 = \chi_{124+}$	.
$122850_1 = \chi_{125+}$	.
$193050_1 = \chi_{126+}$	.
$247104_1 = \chi_{127+}$	.
$471744_2 = \chi_{128+}$	1
$475200_1 = \chi_{129+}$	.
$579150_3 = \chi_{130+}$	.
$737100_1 = \chi_{132+}$	.
$737100_2 = \chi_{133+}$	.
$772200_1 = \chi_{134+}$	.
$810810_1 = \chi_{135+}$	.
$810810_2 = \chi_{136+}$	.
$864864_1 = \chi_{137+}$	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
988416 ₁ = χ_{138+}	1	1	3	3	1	1	2	2	.	.	5
1216512 ₁ = χ_{140+}	2	2	7	7	2	2	8	8	3	3	10
1351350 ₁ = χ_{141+}	1	1	1	1	.	.	2	2	1	1	6
1351350 ₂ = χ_{142+}	.	.	1	1	.	.	2	2	.	.	2
1544400 ₁ = χ_{143+}	2	2	2	2	1	1	4	4	1	1	6
1995840 ₁ = χ_{146+}	2	2	6	6	.	.	6	6	2	2	9
2471040 ₁ = χ_{147+}	.	.	4	4	.	.	9	9	1	1	9
2594592 ₂ = χ_{148+}	3	3	6	6	1	1	8	8	3	3	13
2594592 ₃ = χ_{149+}	3	3	6	6	1	1	8	8	3	3	13
2702700 ₁ = χ_{150+}	2	2	4	4	1	1	6	6	2	2	9
2702700 ₂ = χ_{151+}	1	1	2	2	.	.	4	4	1	1	8
2702700 ₃ = χ_{152+}	3	3	7	7	1	1	10	10	3	3	11
2702700 ₄ = χ_{153+}	4	4	7	7	2	2	12	12	4	4	14
3243240 ₁ = χ_{154+}	4	4	6	6	2	2	10	10	4	4	17
3316950 ₁ = χ_{155+}	2	2	4	4	1	1	8	8	2	2	10
3316950 ₂ = χ_{156+}	2	2	4	4	1	1	8	8	2	2	10
3459456 ₁ = χ_{157+}	1	1	7	7	1	1	11	11	1	1	14
3706560 ₁ = χ_{159+}	2	2	5	5	1	1	6	6	1	1	13
3931200 ₁ = χ_{161+}	1	1	7	7	1	1	11	11	1	1	14
3931200 ₂ = χ_{162+}	1	1	3	3	.	.	6	6	1	1	8
6177600 ₁ = χ_{164+}	3	3	7	7	1	1	15	15	2	2	20

(Block 1:)	$\varphi_{6,1}$	φ_{7+}	$\varphi_{9,0}$	$\varphi_{9,1}$	φ_{10+}	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{14,0}$
988416 ₁ = χ_{138+}	5	2	.	.	2	1	1	2	2	.
1216512 ₁ = χ_{140+}	10	4	2	2	2	3	3	5	5	.
1351350 ₁ = χ_{141+}	6	4	.	.	2	.	.	2	2	.
1351350 ₂ = χ_{142+}	2	.	1	1	.	1	1	2	2	.
1544400 ₁ = χ_{143+}	6	6	.	.	.	.	.	1	1	.
1995840 ₁ = χ_{146+}	9	4	4	4	2	4	4	6	6	1
2471040 ₁ = χ_{147+}	9	2	3	3	2	3	3	7	7	.
2594592 ₂ = χ_{148+}	13	8	3	3	2	3	3	6	6	1
2594592 ₃ = χ_{149+}	13	8	3	3	2	3	3	6	6	1
2702700 ₁ = χ_{150+}	9	4	3	3	.	3	3	5	5	1
2702700 ₂ = χ_{151+}	8	4	1	1	2	1	1	4	4	.
2702700 ₃ = χ_{152+}	11	6	2	2	4	2	2	7	7	.
2702700 ₄ = χ_{153+}	14	10	2	2	2	2	2	6	6	.
3243240 ₁ = χ_{154+}	17	12	2	2	4	2	2	6	6	1
3316950 ₁ = χ_{155+}	10	7	1	1	2	2	2	4	4	1
3316950 ₂ = χ_{156+}	10	7	1	1	2	2	2	4	4	1
3459456 ₁ = χ_{157+}	14	4	3	3	4	4	4	9	9	.
3706560 ₁ = χ_{159+}	13	6	2	2	4	2	2	6	6	.
3931200 ₁ = χ_{161+}	14	4	3	3	4	5	5	11	11	.
3931200 ₂ = χ_{162+}	8	4	2	2	2	2	2	6	6	.
6177600 ₁ = χ_{164+}	20	10	3	3	4	4	4	12	12	.

(Block 1:)	$\varphi_{14,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{16,0}$	$\varphi_{16,1}$	φ_{17+}	$\varphi_{19,0}$	$\varphi_{19,1}$	φ_{20+}	$\varphi_{22,0}$
988416 ₁ = χ_{138+}	.	.	.	1	1	.	1	1	.	1
1216512 ₁ = χ_{140+}	.	2	2	2	2	.	1	1	.	.
1351350 ₁ = χ_{141+}	.	1	1	1	1	.	2	2	.	1
1351350 ₂ = χ_{142+}	.	1	1	.	.	2	.	.	2	.
1544400 ₁ = χ_{143+}	.	.	.	2	2	2	3	3	.	.
1995840 ₁ = χ_{146+}	1	2	2	.	.	.	.	.	2	1
2471040 ₁ = χ_{147+}	.	4	4	1	1	2	1	1	2	.
2594592 ₂ = χ_{148+}	1	2	2	2	2	1	2	2	1	1
2594592 ₃ = χ_{149+}	1	2	2	2	2	1	2	2	1	1
2702700 ₁ = χ_{150+}	1	3	3	1	1	2	1	1	2	1
2702700 ₂ = χ_{151+}	.	2	2	1	1	2	2	2	2	1
2702700 ₃ = χ_{152+}	.	3	3	1	1	2	2	2	2	.
2702700 ₄ = χ_{153+}	.	3	3	3	3	2	4	4	.	.
3243240 ₁ = χ_{154+}	1	2	2	4	4	2	4	4	.	1
3316950 ₁ = χ_{155+}	1	2	2	2	2	3	4	4	1	1
3316950 ₂ = χ_{156+}	1	2	2	2	2	3	4	4	1	1
3459456 ₁ = χ_{157+}	.	4	4	2	2	2	2	2	2	1
3706560 ₁ = χ_{159+}	.	2	2	2	2	2	3	3	2	2
3931200 ₁ = χ_{161+}	.	4	4	1	1	2	1	1	4	1
3931200 ₂ = χ_{162+}	.	3	3	.	.	4	2	2	4	1
6177600 ₁ = χ_{164+}	.	5	5	3	3	6	5	5	4	1

(Block 1:)	$\varphi_{22,1}$	$\varphi_{1,0} = 1_1$
988416 ₁ = χ_{138+}	1	$\varphi_{1,1} = 1_2$
1216512 ₁ = χ_{140+}	.	$\varphi_{2,0} = 77_1$
1351350 ₁ = χ_{141+}	1	$\varphi_{2,1} = 77_2$
1351350 ₂ = χ_{142+}	.	$\varphi_{3,0} = 351_1$
1544400 ₁ = χ_{143+}	.	$\varphi_{3,1} = 351_2$
1995840 ₁ = χ_{146+}	1	$\varphi_{4,0} = 924_1$
2471040 ₁ = χ_{147+}	.	$\varphi_{4,1} = 924_2$
2594592 ₂ = χ_{148+}	1	$\varphi_{5,0} = 2651_1$
2594592 ₃ = χ_{149+}	1	$\varphi_{5,1} = 2651_2$
2702700 ₁ = χ_{150+}	1	$\varphi_{6,0} = 2926_1$
2702700 ₂ = χ_{151+}	1	$\varphi_{6,1} = 2926_2$
2702700 ₃ = χ_{152+}	.	$\varphi_{7+} = 9646_1$
2702700 ₄ = χ_{153+}	.	$\varphi_{9,0} = 7722_1$
3243240 ₁ = χ_{154+}	1	$\varphi_{9,1} = 7722_2$
3316950 ₁ = χ_{155+}	1	$\varphi_{10+} = 24948_1$
3316950 ₂ = χ_{156+}	1	$\varphi_{12,0} = 17226_1$
3459456 ₁ = χ_{157+}	1	$\varphi_{12,1} = 17226_2$
3706560 ₁ = χ_{159+}	2	$\varphi_{13,0} = 21175_1$
3931200 ₁ = χ_{161+}	1	$\varphi_{13,1} = 21175_2$
3931200 ₂ = χ_{162+}	1	$\varphi_{14,0} = 29821_1$
6177600 ₁ = χ_{164+}	1	$\varphi_{14,1} = 29821_2$
		$\varphi_{15,0} = 50050_1$
		$\varphi_{15,1} = 50050_2$
		$\varphi_{16,0} = 55573_1$
		$\varphi_{16,1} = 55573_2$
		$\varphi_{17+} = 184756_1$
		$\varphi_{19,0} = 133925_1$
		$\varphi_{19,1} = 133925_2$
		$\varphi_{20+} = 365794_1$
		$\varphi_{22,0} = 193479_1$
		$\varphi_{22,1} = 193479_2$

Block 2 ₁ , 2 ₂ :	$\varphi_{23,0}$	$\varphi_{24,0}$	$\varphi_{23,1}$	$\varphi_{24,1}$	
360855 ₁ = $\chi_{29,0}$	1	.	.	.	$\varphi_{23,0} = 360855_1$ $\varphi_{23,1} = 360855_2$ $\varphi_{24,0} = 577368_1$ $\varphi_{24,1} = 577368_2$
577368 ₁ = $\chi_{38,0}$	.	1	.	.	
938223 ₁ = $\chi_{49,0}$	1	1	.	.	
360855 ₂ = $\chi_{29,1}$	.	.	1	.	
577368 ₂ = $\chi_{38,1}$	.	.	.	1	
938223 ₂ = $\chi_{49,1}$	.	.	1	1	
721710 ₁ = χ_{131+}	1	.	1	.	
1154736 ₁ = χ_{139+}	.	1	.	1	
1876446 ₃ = χ_{145+}	1	1	1	1	

Block 3₁, 3₂:	$\varphi_{25,0}$	$\varphi_{27,0}$	$\varphi_{25,1}$	$\varphi_{27,1}$	
852930 ₁ = $\chi_{48,0}$	1	.	.	.	
1876446 ₁ = $\chi_{58,0}$	.	1	.	.	
2729376 ₁ = $\chi_{65,0}$	1	1	.	.	$\varphi_{25,0} = 852930_1$
852930 ₂ = $\chi_{48,1}$	.	.	1	.	$\varphi_{25,1} = 852930_2$
1876446 ₂ = $\chi_{58,1}$	.	.	.	1	$\varphi_{27,0} = 1876446_1$
2729376 ₂ = $\chi_{65,1}$	.	.	1	1	$\varphi_{27,1} = 1876446_2$
1705860 ₁ = χ_{144+}	1	.	1	.	
3752892 ₁ = χ_{160+}	.	1	.	1	
5458752 ₁ = χ_{163+}	1	1	1	1	

Block 4₁, 4₂:	$\varphi_{26,0}$	$\varphi_{26,1}$	
1791153 ₁ = $\chi_{57,0}$	1	.	$\varphi_{26,0} = 1791153_1$
1791153 ₂ = $\chi_{57,1}$	.	1	$\varphi_{26,1} = 1791153_2$
3582306 ₁ = χ_{158+}	1	1	

Block 5:	φ_{28+}	φ_{30+}	φ_{32+}	φ_{34+}	φ_{36+}	φ_{38+}	φ_{40+}	φ_{42+}	φ_{44+}
$352_1 = \chi_{66,0}$	1	.	.	.	.	.	.	.	.
$352_2 = \chi_{66,1}$	1	.	.	.	.	.	.	.	.
$4160_1 = \chi_{67+}$	2	1	.	.	.	.	.	.	.
$11648_1 = \chi_{69+}$	1	.	1	.	.	.	.	.	.
$11648_2 = \chi_{71+}$	1	.	.	1	.	.	.	.	.
$27456_1 = \chi_{73+}$	4	1	1	1	.	.	.	.	.
$27456_2 = \chi_{75,0}$	4	1	1	1	.	.	.	.	.
$27456_3 = \chi_{75,1}$	4	1	1	1	.	.	.	.	.
$96096_1 = \chi_{76+}$	4	.	1	1	1	.	.	.	.
$105600_1 = \chi_{78,0}$	.	.	.	.	.	1	.	.	.
$105600_2 = \chi_{78,1}$	.	.	.	.	.	1	.	.	.
$105600_3 = \chi_{79,0}$	.	.	.	.	.	1	.	.	.
$105600_4 = \chi_{79,1}$	.	.	.	.	.	1	.	.	.
$123200_1 = \chi_{80,0}$	7	1	2	2	1	.	.	.	.
$123200_2 = \chi_{80,1}$	7	1	2	2	1	.	.	.	.
$133056_1 = \chi_{81,0}$	4	1	1	1	.	1	.	.	.
$133056_2 = \chi_{81,1}$	4	1	1	1	.	1	.	.	.
$292864_1 = \chi_{82+}$	10	2	3	3	1	.	1	.	.
$228800_1 = \chi_{84,0}$	7	1	2	2	1	1	.	.	.
$228800_2 = \chi_{84,1}$	7	1	2	2	1	1	.	.	.
$471744_1 = \chi_{85+}$	21	2	6	6	3	1	.	.	.
$640640_1 = \chi_{87+}$	6	.	2	2	.	2	.	1	.
$800800_5 = \chi_{89+}$	13	1	4	4	1	1	1	1	.
$873600_1 = \chi_{91+}$	15	2	4	4	1	3	.	1	.
$960960_1 = \chi_{93+}$	20	2	6	6	2	.	2	1	.
$1372800_3 = \chi_{95+}$	19	1	6	6	1	1	2	2	.
$1830400_1 = \chi_{97+}$	33	3	10	10	3	3	2	2	.
$1029600_1 = \chi_{99,0}$	20	2	6	6	2	2	1	1	.
$1029600_2 = \chi_{99,1}$	20	2	6	6	2	2	1	1	.
$2402400_3 = \chi_{100+}$	39	3	12	12	3	3	3	3	.
$2594592_1 = \chi_{102+}$	47	4	14	14	4	5	2	3	.
$1441792_3 = \chi_{104,0}$	20	1	6	6	1	3	1	2	.
$1441792_4 = \chi_{104,1}$	20	1	6	6	1	3	1	2	.
$3326400_1 = \chi_{105+}$	14	2	4	4	.	5	.	2	1
$4392960_1 = \chi_{107+}$	34	4	10	10	2	6	2	3	1
$4717440_1 = \chi_{109+}$	73	6	22	22	5	9	4	6	.
$4804800_1 = \chi_{111+}$	33	3	10	10	1	7	2	4	1
$5111808_1 = \chi_{113+}$	50	5	15	15	3	6	3	4	1
$3456_1 = \chi_{165+}$	.	1	.	.	.	.	.	.	.
$3456_2 = \chi_{166+}$	.	1	.	.	.	.	.	.	.

(Block 5:)	φ_{28+}	φ_{30+}	φ_{32+}	φ_{34+}	φ_{36+}	φ_{38+}	φ_{40+}	φ_{42+}	φ_{44+}
$123552_1 = \chi_{167+}$	8	1	2	2	1	.	.	.	.
$123552_2 = \chi_{168+}$	8	1	2	2	1	.	.	.	.
$142560_1 = \chi_{169+}$	.	.	.	.	.	.	1	.	.
$142560_2 = \chi_{170+}$	.	.	.	.	.	.	1	.	.
$224640_1 = \chi_{171+}$	5	.	2	2	1	1	.	.	.
$224640_2 = \chi_{172+}$	5	.	2	2	1	1	.	.	.
$247104_2 = \chi_{173+}$	16	2	4	4	2	.	.	.	.
$617760_1 = \chi_{174+}$	21	3	6	6	3	1	1	.	.
$617760_2 = \chi_{175+}$	21	3	6	6	3	1	1	.	.
$628992_1 = \chi_{176+}$	5	.	2	1	.	2	.	1	.
$628992_2 = \chi_{177+}$	5	.	2	1	.	2	.	1	.
$628992_3 = \chi_{178+}$	5	.	1	2	.	2	.	1	.
$628992_4 = \chi_{179+}$	5	.	1	2	.	2	.	1	.
$718848_1 = \chi_{180+}$	16	1	5	5	1	.	1	1	.
$718848_2 = \chi_{181+}$	16	1	5	5	1	.	1	1	.
$864864_2 = \chi_{182+}$	16	2	5	5	1	.	2	1	.
$864864_3 = \chi_{183+}$	16	2	5	5	1	.	2	1	.
$1935360_1 = \chi_{184+}$	.	1	.	.	.	.	.	.	1
$1935360_2 = \chi_{185+}$	.	1	.	.	.	.	.	.	1
$2246400_1 = \chi_{186+}$	34	3	10	10	2	4	2	3	.
$2246400_2 = \chi_{187+}$	34	3	10	10	2	4	2	3	.
$2471040_2 = \chi_{188+}$	39	3	12	12	3	5	2	3	.
$2471040_3 = \chi_{189+}$	39	3	12	12	3	5	2	3	.
$3459456_2 = \chi_{190+}$	63	6	19	19	5	5	4	4	.
$3459456_3 = \chi_{191+}$	63	6	19	19	5	5	4	4	.
$3592512_1 = \chi_{192+}$	22	4	6	6	.	7	.	2	1
$3592512_2 = \chi_{193+}$	22	4	6	6	.	7	.	2	1
$5189184_1 = \chi_{194+}$	94	8	28	28	8	10	4	6	.
$5930496_1 = \chi_{195+}$	57	5	17	17	4	9	3	5	1
$5930496_2 = \chi_{196+}$	57	5	17	17	4	9	3	5	1
$6177600_2 = \chi_{197+}$	52	4	16	16	2	8	4	6	1
$6177600_3 = \chi_{198+}$	52	4	16	16	2	8	4	6	1

$$\begin{array}{ll}
\varphi_{28+} & = 352_1 \\
\varphi_{30+} & = 3456_1 \\
\varphi_{32+} & = 11296_1 \\
\varphi_{34+} & = 11296_2 \\
\varphi_{36+} & = 72096_1
\end{array}
\qquad
\begin{array}{ll}
\varphi_{38+} & = 105600_1 \\
\varphi_{40+} & = 142560_1 \\
\varphi_{42+} & = 382144_1 \\
\varphi_{44+} & = 1931904_1
\end{array}$$