

Suz.2 (mod 3)

	blocks	defect	matrix
3. <i>G</i> :	1	8	83×26
	2	3	14×7
	3	2	9×4
6. <i>G</i> :	4	8	65×20
	5	1	3×1

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.
$143_1 = \chi_{2,0}$	.	1	1	.	1	.	.	.	.	.	.
$143_2 = \chi_{2,1}$	1	.	.	1	.	1	.	.	.	.	.
$364_1 = \chi_{3,0}$	.	.	.	.	.	1	1	.	.	.	.
$364_2 = \chi_{3,1}$	.	.	.	.	1	.	.	1	.	.	.
$780_1 = \chi_{4,0}$	1	.	1	.	.	.	1	.	1	.	.
$780_2 = \chi_{4,1}$	.	1	.	1	.	.	.	1	.	1	.
$1001_1 = \chi_{5,0}$	2	.	1	.	.	.	1	.	.	.	1
$1001_2 = \chi_{5,1}$	.	2	.	1	.	.	.	1	.	.	.
$3432_1 = \chi_{6,0}$	1	1	1	1	.	.	1	.	1	.	.
$3432_2 = \chi_{6,1}$	1	1	1	1	.	.	.	1	.	1	1
$10010_1 = \chi_{7+}$	.	.	1	1	1	1	.	.	.	.	.
$5940_1 = \chi_{9,0}$	.	2	1	.	.	1	4	.	1	.	.
$5940_2 = \chi_{9,1}$	2	.	.	1	1	.	.	4	.	1	2
$10725_1 = \chi_{10,0}$	.	.	1	.	1	.	1	.	.	.	1
$10725_2 = \chi_{10,1}$	.	.	.	1	.	1	.	1	.	.	.
$12012_1 = \chi_{11,0}$	.	.	.	.	2	.	.	2	.	.	1
$12012_2 = \chi_{11,1}$	.	.	.	.	.	2	2	.	.	.	.
$14300_1 = \chi_{12,0}$	.	2	1	.	1	.	.	1	.	.	1
$14300_2 = \chi_{12,1}$	2	.	.	1	.	1	1	.	.	.	.
$30030_1 = \chi_{13+}$	2	2	1	1	1	1	2	2	1	1	1
$25025_1 = \chi_{17,0}$	2	1	1	1	1	.	2	.	1	.	.
$25025_2 = \chi_{17,1}$	1	2	1	1	.	1	.	2	.	1	1
$50050_1 = \chi_{18+}$	.	.	1	1	.	.	.	.	.	.	1
$40040_1 = \chi_{20,0}$	3	2	1	3	2	1	2	3	.	1	2
$40040_2 = \chi_{20,1}$	2	3	3	1	1	2	3	2	1	.	1
$100100_1 = \chi_{21+}$	3	3	3	3	1	1	2	2	1	1	2
$54054_1 = \chi_{23,0}$	.	.	.	.	2	.	.	.	.	.	.
$54054_2 = \chi_{23,1}$	.	.	.	.	.	2	.	.	.	.	.
$64064_1 = \chi_{24,0}$	1	2	3	1	3	.	3	1	1	.	1
$64064_2 = \chi_{24,1}$	2	1	1	3	.	3	1	3	.	1	2
$128700_1 = \chi_{25+}$	5	5	4	4	2	2	3	3	1	1	3
$66560_1 = \chi_{27,0}$	2	.	1	1	1	.	2	.	1	1	.
$66560_2 = \chi_{27,1}$	.	2	1	1	.	1	.	2	1	1	2
$75075_1 = \chi_{28,0}$	4	1	2	3	2	1	2	2	.	1	2
$75075_2 = \chi_{28,1}$	1	4	3	2	1	2	2	2	1	.	2
$79872_1 = \chi_{29,0}$	2	2	2	2	2	1	4	.	1	1	1
$79872_2 = \chi_{29,1}$	2	2	2	2	1	2	.	4	1	1	2
$100100_2 = \chi_{33,0}$	2	2	2	2	2	2	4	.	1	.	1

[illegible]

(Block 1:)	$\varphi_{16,0}$	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$
$1_1 = \chi_{1,0}$	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.
$143_1 = \chi_{2,0}$	.	.	.	.
$143_2 = \chi_{2,1}$	.	.	.	.
$364_1 = \chi_{3,0}$	.	.	.	.
$364_2 = \chi_{3,1}$	.	.	.	.
$780_1 = \chi_{4,0}$	.	.	.	.
$780_2 = \chi_{4,1}$	.	.	.	.
$1001_1 = \chi_{5,0}$	.	.	.	.
$1001_2 = \chi_{5,1}$	.	.	.	.
$3432_1 = \chi_{6,0}$	.	.	.	.
$3432_2 = \chi_{6,1}$	.	.	.	.
$10010_1 = \chi_{7+}$	.	.	.	.
$5940_1 = \chi_{9,0}$	.	.	.	.
$5940_2 = \chi_{9,1}$	.	.	.	.
$10725_1 = \chi_{10,0}$	.	.	.	.
$10725_2 = \chi_{10,1}$	.	.	.	.
$12012_1 = \chi_{11,0}$	.	.	.	.
$12012_2 = \chi_{11,1}$	.	.	.	.
$14300_1 = \chi_{12,0}$	.	.	.	.
$14300_2 = \chi_{12,1}$	.	.	.	.
$30030_1 = \chi_{13+}$	.	.	.	.
$25025_1 = \chi_{17,0}$	.	.	.	.
$25025_2 = \chi_{17,1}$	.	.	.	.
$50050_1 = \chi_{18+}$	1	1	.	.
$40040_1 = \chi_{20,0}$	.	.	.	.
$40040_2 = \chi_{20,1}$	.	.	.	.
$100100_1 = \chi_{21+}$	1	1	.	.
$54054_1 = \chi_{23,0}$	.	.	.	1
$54054_2 = \chi_{23,1}$	.	.	1	.
$64064_1 = \chi_{24,0}$	1	.	.	.
$64064_2 = \chi_{24,1}$	.	1	.	.
$128700_1 = \chi_{25+}$	1	1	.	.
$66560_1 = \chi_{27,0}$	1	.	.	.
$66560_2 = \chi_{27,1}$	.	1	.	.
$75075_1 = \chi_{28,0}$	1	.	.	.
$75075_2 = \chi_{28,1}$	.	1	.	.
$79872_1 = \chi_{29,0}$	1	.	.	.
$79872_2 = \chi_{29,1}$	.	1	.	.
$100100_2 = \chi_{33,0}$	.	.	1	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
$100100_3 = \chi_{33,1}$	2	2	2	2	2	2	.	4	.	1	1
$133056_1 = \chi_{34,0}$	2	1	2	4	2	.	1	1	.	1	2
$133056_2 = \chi_{34,1}$	1	2	4	2	.	2	1	1	1	.	2
$146432_1 = \chi_{35,0}$	3	1	3	3	2	1	2	1	.	.	3
$146432_2 = \chi_{35,1}$	1	3	3	3	1	2	1	2	.	.	1
$163800_1 = \chi_{36,0}$	3	4	5	3	4	2	3	4	1	1	2
$163800_2 = \chi_{36,1}$	4	3	3	5	2	4	4	3	1	1	3
$168960_1 = \chi_{37,0}$	2	4	4	4	2	2	3	2	1	1	3
$168960_2 = \chi_{37,1}$	4	2	4	4	2	2	2	3	1	1	2
$193050_1 = \chi_{39,0}$	2	3	3	4	2	3	5	1	1	1	2
$193050_2 = \chi_{39,1}$	3	2	4	3	3	2	1	5	1	1	4
$197120_1 = \chi_{40,0}$	4	4	4	4	3	3	3	4	1	1	4
$197120_2 = \chi_{40,1}$	4	4	4	4	3	3	4	3	1	1	2
$132_1 = \chi_{77+}$	2	2	1	1	.	.	.	.	.	.	.
$156_1 = \chi_{78+}$	.	.	.	.	1	1	.	.	.	.	.
$858_1 = \chi_{79+}$	.	.	.	.	.	.	.	.	1	1	.
$2730_1 = \chi_{80+}$	2	2	1	1	1	1	2	2	.	.	1
$3432_3 = \chi_{81+}$	2	2	1	1	.	.	2	2	1	1	1
$4290_1 = \chi_{82+}$	1	1	2	2	1	1	.	.	.	.	.
$5850_1 = \chi_{83+}$	.	.	.	.	.	.	.	.	.	.	.
$5850_2 = \chi_{84+}$	.	.	.	.	.	.	.	.	.	.	.
$6006_1 = \chi_{85+}$	.	.	.	.	1	1	.	.	.	.	.
$8580_1 = \chi_{86+}$	2	2	1	1	1	1	2	2	.	.	1
$13440_1 = \chi_{89+}$	1	1	2	2	1	1	2	2	1	1	1
$42900_1 = \chi_{91+}$	1	1	2	2	1	1	2	2	1	1	1
$46200_1 = \chi_{92+}$	1	1	2	2	.	.	1	1	.	.	2
$48048_1 = \chi_{93+}$	1	1	2	2	2	2	2	2	.	.	1
$54054_3 = \chi_{94+}$	2	2	1	1	3	3	4	4	1	1	2
$61776_1 = \chi_{95+}$	1	1	2	2	.	.	1	1	.	.	2
$85800_1 = \chi_{96+}$	4	4	2	2	2	2	4	4	2	2	2
$103950_1 = \chi_{97+}$	1	1	2	2	2	2	1	1	.	.	2
$120120_2 = \chi_{98+}$	3	3	3	3	1	1	1	1	1	1	2
$128700_2 = \chi_{99+}$	5	5	4	4	2	2	3	3	1	1	3
$150150_1 = \chi_{100+}$	1	1	2	2	3	3	2	2	.	.	1
$150150_2 = \chi_{101+}$	1	1	2	2	3	3	2	2	.	.	1
$171600_1 = \chi_{102+}$	6	6	6	6	3	3	5	5	2	2	4
$216216_1 = \chi_{104+}$	4	4	5	5	3	3	5	5	2	2	4
$266112_1 = \chi_{105+}$	3	3	6	6	2	2	2	2	1	1	4
$270270_1 = \chi_{106+}$	2	2	4	4	2	2	1	1	1	1	2
$279552_1 = \chi_{107+}$	6	6	6	6	4	4	5	5	2	2	4

(Block 1:)	$\varphi_{6,1}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{9,0}$	$\varphi_{9,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$
100100 ₃ = $\chi_{33,1}$	1	1	.	1	1	1	1	1	1	.	2
133056 ₁ = $\chi_{34,0}$	2	2	2	2	2	1	.	2	.	2	.
133056 ₂ = $\chi_{34,1}$	2	2	2	2	2	.	1	.	2	.	2
146432 ₁ = $\chi_{35,0}$	1	1	2	1	2	1	1	1	1	2	.
146432 ₂ = $\chi_{35,1}$	3	2	1	2	1	1	1	1	1	.	2
163800 ₁ = $\chi_{36,0}$	3	2	1	3	2	2	1	2	1	1	2
163800 ₂ = $\chi_{36,1}$	2	1	2	2	3	1	2	1	2	2	1
168960 ₁ = $\chi_{37,0}$	2	1	2	1	1	1	1	1	2	2	1
168960 ₂ = $\chi_{37,1}$	3	2	1	1	1	1	1	2	1	1	2
193050 ₁ = $\chi_{39,0}$	4	2	2	3	3	1	2	2	1	2	.
193050 ₂ = $\chi_{39,1}$	2	2	2	3	3	2	1	1	2	.	2
197120 ₁ = $\chi_{40,0}$	2	1	2	3	2	3	1	2	2	1	2
197120 ₂ = $\chi_{40,1}$	4	2	1	2	3	1	3	2	2	2	1
132 ₁ = χ_{77+}	.	.	.	.	.	.	.	.	.	.	.
156 ₁ = χ_{78+}	.	.	.	.	.	.	.	.	.	.	.
858 ₁ = χ_{79+}	.	.	.	.	.	.	.	.	.	.	.
2730 ₁ = χ_{80+}	1	.	.	.	.	.	.	.	.	.	.
3432 ₃ = χ_{81+}	1	.	.	.	.	.	.	.	.	.	.
4290 ₁ = χ_{82+}	.	1	1	.	.	.	.	.	.	.	.
5850 ₁ = χ_{83+}	.	.	.	1	1	.	.	.	.	.	.
5850 ₂ = χ_{84+}	.	.	.	1	1	.	.	.	.	.	.
6006 ₁ = χ_{85+}	.	.	.	1	1	.	.	.	.	.	.
8580 ₁ = χ_{86+}	1	.	.	1	1	.	.	.	.	.	.
13440 ₁ = χ_{89+}	1	1	1	1	1	.	.	.	.	.	.
42900 ₁ = χ_{91+}	1	1	1	1	1	.	.	.	.	1	1
46200 ₁ = χ_{92+}	2	1	1	.	.	.	.	.	.	.	.
48048 ₁ = χ_{93+}	1	1	1	2	2	.	.	.	.	1	1
54054 ₃ = χ_{94+}	2	.	.	2	2	2	2	1	1	.	.
61776 ₁ = χ_{95+}	2	2	2	2	2	.	.	.	.	.	.
85800 ₁ = χ_{96+}	2	.	.	1	1	1	1	2	2	1	1
103950 ₁ = χ_{97+}	2	2	2	3	3	2	2	1	1	.	.
120120 ₂ = χ_{98+}	2	1	1	.	.	1	1	2	2	1	1
128700 ₂ = χ_{99+}	3	1	1	1	1	1	1	2	2	1	1
150150 ₁ = χ_{100+}	1	1	1	2	2	2	2	1	1	1	1
150150 ₂ = χ_{101+}	1	1	1	2	2	2	2	1	1	1	1
171600 ₁ = χ_{102+}	4	2	2	2	2	1	1	2	2	2	2
216216 ₁ = χ_{104+}	4	2	2	3	3	1	1	2	2	2	2
266112 ₁ = χ_{105+}	4	4	4	4	4	1	1	2	2	2	2
270270 ₁ = χ_{106+}	2	2	2	2	2	1	1	2	2	2	2
279552 ₁ = χ_{107+}	4	2	2	3	3	3	3	3	3	2	2

(Block 1:)	$\varphi_{16,0}$	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$
$100100_3 = \chi_{33,1}$	.	.	.	1
$133056_1 = \chi_{34,0}$	2	1	.	.
$133056_2 = \chi_{34,1}$	1	2	.	.
$146432_1 = \chi_{35,0}$	1	1	1	.
$146432_2 = \chi_{35,1}$	1	1	.	1
$163800_1 = \chi_{36,0}$	1	.	.	1
$163800_2 = \chi_{36,1}$	.	1	1	.
$168960_1 = \chi_{37,0}$	1	1	1	.
$168960_2 = \chi_{37,1}$	1	1	.	1
$193050_1 = \chi_{39,0}$	2	1	1	.
$193050_2 = \chi_{39,1}$	1	2	.	1
$197120_1 = \chi_{40,0}$	1	1	.	1
$197120_2 = \chi_{40,1}$	1	1	1	.
$132_1 = \chi_{77+}$	.	.	.	.
$156_1 = \chi_{78+}$	.	.	.	.
$858_1 = \chi_{79+}$	.	.	.	.
$2730_1 = \chi_{80+}$	.	.	.	.
$3432_3 = \chi_{81+}$	.	.	.	.
$4290_1 = \chi_{82+}$	.	.	.	.
$5850_1 = \chi_{83+}$	.	.	.	.
$5850_2 = \chi_{84+}$	.	.	.	.
$6006_1 = \chi_{85+}$	.	.	.	.
$8580_1 = \chi_{86+}$	.	.	.	.
$13440_1 = \chi_{89+}$	.	.	.	.
$42900_1 = \chi_{91+}$	.	.	.	.
$46200_1 = \chi_{92+}$	1	1	.	.
$48048_1 = \chi_{93+}$	.	.	.	.
$54054_3 = \chi_{94+}$	.	.	.	.
$61776_1 = \chi_{95+}$	1	1	.	.
$85800_1 = \chi_{96+}$	.	.	.	.
$103950_1 = \chi_{97+}$	1	1	.	.
$120120_2 = \chi_{98+}$	1	1	.	.
$128700_2 = \chi_{99+}$	1	1	.	.
$150150_1 = \chi_{100+}$	.	.	1	1
$150150_2 = \chi_{101+}$	.	.	1	1
$171600_1 = \chi_{102+}$	1	1	.	.
$216216_1 = \chi_{104+}$	2	2	.	.
$266112_1 = \chi_{105+}$	3	3	.	.
$270270_1 = \chi_{106+}$	2	2	1	1
$279552_1 = \chi_{107+}$	1	1	1	1

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$
$360360_1 = \chi_{109+}$	7	7	8	8	5	5	6	6	1	1	6
$386100_1 = \chi_{111+}$	5	5	7	7	5	5	6	6	2	2	6
$450450_1 = \chi_{113+}$	12	12	12	12	8	8	10	10	3	3	8

(Block 1:)	$\varphi_{6,1}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{9,0}$	$\varphi_{9,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$
$360360_1 = \chi_{109+}$	6	3	3	4	4	3	3	3	3	3	3
$386100_1 = \chi_{111+}$	6	4	4	6	6	3	3	3	3	2	2
$450450_1 = \chi_{113+}$	8	4	4	5	5	4	4	5	5	4	4

(Block 1:)	$\varphi_{16,0}$	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$
$360360_1 = \chi_{109+}$	2	2	1	1
$386100_1 = \chi_{111+}$	3	3	1	1
$450450_1 = \chi_{113+}$	2	2	1	1

$$\begin{aligned}
\varphi_{1,0} &= 1_1 \\
\varphi_{1,1} &= 1_2 \\
\varphi_{2,0} &= 64_1 \\
\varphi_{2,1} &= 64_2 \\
\varphi_{3,0} &= 78_1 \\
\varphi_{3,1} &= 78_2 \\
\varphi_{4,0} &= 286_1 \\
\varphi_{4,1} &= 286_2 \\
\varphi_{5,0} &= 429_1 \\
\varphi_{5,1} &= 429_2 \\
\varphi_{6,0} &= 649_1 \\
\varphi_{6,1} &= 649_2 \\
\varphi_{7,0} &= 1938_1 \\
\varphi_{7,1} &= 1938_2 \\
\varphi_{8,0} &= 2925_1 \\
\varphi_{8,1} &= 2925_2 \\
\varphi_{9,0} &= 4785_1 \\
\varphi_{9,1} &= 4785_2 \\
\varphi_{12,0} &= 8436_1 \\
\varphi_{12,1} &= 8436_2 \\
\varphi_{13,0} &= 14730_1 \\
\varphi_{13,1} &= 14730_2 \\
\varphi_{16,0} &= 19449_1 \\
\varphi_{16,1} &= 19449_2 \\
\varphi_{17,0} &= 32967_1 \\
\varphi_{17,1} &= 32967_2
\end{aligned}$$

Block 2:	φ_{10+}	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{19,0}$	$\varphi_{19,1}$
$15795_1 = \chi_{15,0}$	.	1	.	.	.	.	.
$15795_2 = \chi_{15,1}$	.	.	1	.	.	.	.
$88452_1 = \chi_{30,0}$	.	1	.	1	.	.	.
$88452_2 = \chi_{30,1}$	.	.	1	.	1	.	.
$187110_1 = \chi_{31+}$	1	1	1	1	1	.	.
$243243_1 = \chi_{42,0}$	1	.	.	.	1	1	.
$243243_2 = \chi_{42,1}$	1	.	.	1	.	.	1
$248832_1 = \chi_{43,0}$	.	1	.	.	1	1	.
$248832_2 = \chi_{43,1}$	.	.	1	1	.	.	1
$10206_1 = \chi_{87+}$	1	.	.	.	.	.	.
$10206_2 = \chi_{88+}$	1	.	.	.	.	.	.
$208494_3 = \chi_{103+}$	.	2	2	1	1	.	.
$320760_1 = \chi_{108+}$	.	.	.	.	.	1	1
$663390_1 = \chi_{114+}$	2	1	1	2	2	1	1

$$\begin{array}{llll}
\varphi_{10+} & = & 10206_1 & \\
\varphi_{14,0} & = & 15795_1 & \varphi_{18,1} = 72657_2 \\
\varphi_{14,1} & = & 15795_2 & \varphi_{19,0} = 160380_1 \\
\varphi_{18,0} & = & 72657_1 & \varphi_{19,1} = 160380_2
\end{array}$$

Block 3₁, 3₂:	$\varphi_{15,0}$	$\varphi_{20,1}$	$\varphi_{15,1}$	$\varphi_{20,0}$	
$18954_1 = \chi_{16,0}$	1	.	.	.	
$189540_2 = \chi_{38,1}$	.	1	.	.	
$208494_1 = \chi_{41,0}$	1	1	.	.	$\varphi_{15,0} = 18954_1$
$18954_2 = \chi_{16,1}$	.	.	1	.	$\varphi_{15,1} = 18954_2$
$189540_1 = \chi_{38,0}$	.	.	.	1	$\varphi_{20,0} = 189540_1$
$208494_2 = \chi_{41,1}$	.	.	1	1	$\varphi_{20,1} = 189540_2$
$37908_1 = \chi_{90+}$	1	.	1	.	
$379080_1 = \chi_{110+}$	.	1	.	1	
$416988_1 = \chi_{112+}$	1	1	1	1	

Block 4:	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{24,1}$	$\varphi_{25,0}$	$\varphi_{25,1}$
$220_1 = \chi_{44,0}$	.	1	1	.	.	.	.	.	.	.
$220_2 = \chi_{44,1}$	1	.	.	1	.	.	.	.	.	.
$728_1 = \chi_{45+}$	1	1	.	.	1	1	.	.	.	.
$1144_1 = \chi_{47+}$	1	1	1	1	1	1	.	.	.	.
$4928_1 = \chi_{49,0}$	.	.	1	.	.	1	.	.	1	.
$4928_2 = \chi_{49,1}$	.	.	.	1	1	.	.	.	.	1
$32032_1 = \chi_{50+}$	3	3	3	3	6	6	2	2	.	.
$20020_1 = \chi_{52,0}$	2	.	1	2	3	2	2	.	.	1
$20020_2 = \chi_{52,1}$	.	2	2	1	2	3	.	2	1	.
$20020_3 = \chi_{53,0}$	1	.	1	1	1	3	.	1	1	.
$20020_4 = \chi_{53,1}$	.	1	1	1	3	1	1	.	.	1
$70200_1 = \chi_{54+}$	3	3	4	4	6	6	2	2	.	.
$70200_2 = \chi_{56+}$	3	3	4	4	6	6	2	2	.	.
$120120_1 = \chi_{58+}$	1	1	1	1	1	1	.	.	.	.
$159744_1 = \chi_{62+}$	3	3	3	3	6	6	2	2	1	1
$80080_1 = \chi_{64,0}$	1	1	1	2	2	3	.	1	1	.
$80080_2 = \chi_{64,1}$	1	1	2	1	3	2	1	.	.	1
$80080_3 = \chi_{65,0}$	2	1	1	3	4	2	2	.	.	1
$80080_4 = \chi_{65,1}$	1	2	3	1	2	4	.	2	1	.
$100100_4 = \chi_{66,0}$	2	3	3	3	6	4	2	2	.	.
$100100_5 = \chi_{66,1}$	3	2	3	3	4	6	2	2	.	.
$102400_1 = \chi_{67,0}$	2	2	3	1	3	5	.	3	1	.
$102400_2 = \chi_{67,1}$	2	2	1	3	5	3	3	.	.	1
$128128_1 = \chi_{68,0}$	1	1	2	1	2	2	.	1	.	1
$128128_2 = \chi_{68,1}$	1	1	1	2	2	2	1	.	1	.
$137280_1 = \chi_{69,0}$	2	2	2	3	3	4	1	1	.	.
$137280_2 = \chi_{69,1}$	2	2	3	2	4	3	1	1	.	.
$288288_1 = \chi_{70+}$	5	5	6	6	10	10	3	3	1	1
$192192_1 = \chi_{72,0}$	4	5	6	5	10	8	3	3	.	1
$192192_2 = \chi_{72,1}$	5	4	5	6	8	10	3	3	1	.
$197120_3 = \chi_{73,0}$	3	2	3	4	5	5	2	1	1	1
$197120_4 = \chi_{73,1}$	2	3	4	3	5	5	1	2	1	1
$228800_1 = \chi_{74,0}$	4	4	4	6	7	8	3	2	1	.
$228800_2 = \chi_{74,1}$	4	4	6	4	8	7	2	3	.	1
$277200_1 = \chi_{75,0}$	4	4	5	5	6	9	2	3	1	.
$277200_2 = \chi_{75,1}$	4	4	5	5	9	6	3	2	.	1
$315392_1 = \chi_{76,0}$	4	5	7	5	9	8	3	3	1	1
$315392_2 = \chi_{76,1}$	5	4	5	7	8	9	3	3	1	1
$24_1 = \chi_{115+}$	1	1	.	.	.	.	.	.	.	.
$1560_1 = \chi_{116+}$	1	1	2	2	1	1	.	.	.	.

[illegible]

(Block 4:)	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{24,1}$	$\varphi_{25,0}$	$\varphi_{25,1}$
$1848_1 = \chi_{117+}$	1	1	1	1	2	2	.	.	.	.
$8736_1 = \chi_{118+}$	2	2	1	1	4	4	1	1	.	.
$8736_2 = \chi_{119+}$	.	.	.	.	.	.	.	.	1	1
$17160_1 = \chi_{120+}$	1	1	2	2	3	3	1	1	1	1
$22176_1 = \chi_{121+}$	.	.	.	.	.	.	.	.	.	.
$22176_2 = \chi_{122+}$	.	.	.	.	.	.	.	.	.	.
$24024_1 = \chi_{123+}$	2	2	2	2	3	3	1	1	.	.
$24024_2 = \chi_{124+}$	2	2	2	2	3	3	1	1	.	.
$24024_3 = \chi_{125+}$	1	1	1	1	2	2	.	.	.	.
$46200_2 = \chi_{126+}$	2	2	2	2	3	3	1	1	.	.
$54912_1 = \chi_{127+}$	4	4	4	4	8	8	3	3	.	.
$54912_2 = \chi_{128+}$	1	1	2	2	3	3	1	1	1	1
$70200_3 = \chi_{129+}$	3	3	4	4	6	6	2	2	.	.
$70200_4 = \chi_{130+}$	3	3	4	4	6	6	2	2	.	.
$85800_2 = \chi_{131+}$	3	3	4	4	8	8	3	3	1	1
$154440_1 = \chi_{134+}$	3	3	4	4	6	6	2	2	.	.
$211200_1 = \chi_{135+}$	1	1	2	2	2	2	.	.	1	1
$224640_1 = \chi_{136+}$	6	6	8	8	12	12	4	4	.	.
$279552_2 = \chi_{137+}$	3	3	5	5	6	6	2	2	1	1
$288288_2 = \chi_{138+}$	5	5	6	6	10	10	3	3	1	1
$288288_3 = \chi_{139+}$	3	3	4	4	5	5	2	2	.	.
$343200_1 = \chi_{140+}$	6	6	8	8	13	13	4	4	2	2
$360360_2 = \chi_{141+}$	8	8	10	10	16	16	6	6	1	1
$600600_1 = \chi_{142+}$	10	10	12	12	18	18	6	6	1	1
$873600_1 = \chi_{143+}$	13	13	16	16	25	25	8	8	3	3

(Block 4:)	$\varphi_{26,0}$	$\varphi_{26,1}$	$\varphi_{27,0}$	$\varphi_{27,1}$	$\varphi_{28,0}$	$\varphi_{28,1}$	$\varphi_{29,0}$	$\varphi_{29,1}$	$\varphi_{30,0}$	$\varphi_{30,1}$
$1848_1 = \chi_{117+}$	.	.	.	.	.	.	.	.	.	.
$8736_1 = \chi_{118+}$	.	.	.	.	.	.	.	.	.	.
$8736_2 = \chi_{119+}$	.	.	.	.	.	.	.	.	.	.
$17160_1 = \chi_{120+}$	.	.	.	.	.	.	.	.	.	.
$22176_1 = \chi_{121+}$	.	.	1	1	.	.	.	.	.	.
$22176_2 = \chi_{122+}$	.	.	1	1	.	.	.	.	.	.
$24024_1 = \chi_{123+}$	1	1	.	.	.	.	.	.	.	.
$24024_2 = \chi_{124+}$	1	1	.	.	.	.	.	.	.	.
$24024_3 = \chi_{125+}$	.	.	1	1	.	.	.	.	.	.
$46200_2 = \chi_{126+}$	1	1	1	1	.	.	.	.	.	.
$54912_1 = \chi_{127+}$	2	2	.	.	.	.	.	.	.	.
$54912_2 = \chi_{128+}$	1	1	1	1	.	.	.	.	.	.
$70200_3 = \chi_{129+}$	2	2	1	1	.	.	.	.	.	.
$70200_4 = \chi_{130+}$	2	2	1	1	.	.	.	.	.	.
$85800_2 = \chi_{131+}$	2	2	1	1	.	.	.	.	.	.
$154440_1 = \chi_{134+}$	2	2	1	1	.	.	.	.	1	1
$211200_1 = \chi_{135+}$	.	.	.	.	1	1	2	2	.	.
$224640_1 = \chi_{136+}$	4	4	2	2	.	.	.	.	1	1
$279552_2 = \chi_{137+}$	2	2	1	1	1	1	2	2	.	.
$288288_2 = \chi_{138+}$	2	2	1	1	1	1	2	2	.	.
$288288_3 = \chi_{139+}$	2	2	.	.	2	2	1	1	1	1
$343200_1 = \chi_{140+}$	3	3	2	2	1	1	2	2	.	.
$360360_2 = \chi_{141+}$	4	4	.	.	2	2	1	1	1	1
$600600_1 = \chi_{142+}$	5	5	1	1	3	3	3	3	1	1
$873600_1 = \chi_{143+}$	6	6	2	2	4	4	5	5	1	1

$$\begin{array}{ll}
\varphi_{21,0} = 12_1 & \varphi_{26,0} = 7788_1 \\
\varphi_{21,1} = 12_2 & \varphi_{26,1} = 7788_2 \\
\varphi_{22,0} = 208_1 & \varphi_{27,0} = 11088_1 \\
\varphi_{22,1} = 208_2 & \varphi_{27,1} = 11088_2 \\
\varphi_{23,0} = 352_1 & \varphi_{28,0} = 18876_1 \\
\varphi_{23,1} = 352_2 & \varphi_{28,1} = 18876_2 \\
\varphi_{24,0} = 2728_1 & \varphi_{29,0} = 40612_1 \\
\varphi_{24,1} = 2728_2 & \varphi_{29,1} = 40612_2 \\
\varphi_{25,0} = 4368_1 & \varphi_{30,0} = 42120_1 \\
\varphi_{25,1} = 4368_2 & \varphi_{30,1} = 42120_2
\end{array}$$

Block 5:	φ_{31+}
$122472_1 = \chi_{60+}$	1
$122472_2 = \chi_{132+}$	1
$122472_3 = \chi_{133+}$	1

$$\varphi_{31+} = 122472_1$$