

$O_8^-(3).2_1 \pmod{2}$

	blocks	defect	matrix
$G :$	1	11	140×14
	2	7	25×4
	3	3	5×1
	4	3	5×1
	5	0	$931840_1 = \chi_{89+}, \varphi_{22+}$

	blocks	defect	matrix
	6	0	$931840_2 = \chi_{91+}, \varphi_{24+}$
	7	0	$931840_3 = \chi_{93+}, \varphi_{26+}$
	8	0	$931840_4 = \chi_{95+}, \varphi_{28+}$
	9	0	$931840_5 = \chi_{97+}, \varphi_{30+}$
	10	3	8×1

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	$\varphi_{11,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.	.
$246_1 = \chi_{2,0}$	.	1	.	.	.	.	.	.	.	.	.
$246_2 = \chi_{2,1}$	.	1	.	.	.	.	.	.	.	.	.
$287_1 = \chi_{3,0}$	1	.	1	.	.	.	.	.	.	.	.
$287_2 = \chi_{3,1}$	1	.	1	.	.	.	.	.	.	.	.
$287_3 = \chi_{4,0}$	1	.	.	1	.	.	.	.	.	.	.
$287_4 = \chi_{4,1}$	1	.	.	1	.	.	.	.	.	.	.
$533_1 = \chi_{5,0}$	1	1	1	.	.	.	.	.	.	.	.
$533_2 = \chi_{5,1}$	1	1	1	.	.	.	.	.	.	.	.
$533_3 = \chi_{6,0}$	1	1	.	1	.	.	.	.	.	.	.
$533_4 = \chi_{6,1}$	1	1	.	1	.	.	.	.	.	.	.
$574_1 = \chi_{7,0}$	2	.	1	1	.	.	.	.	.	.	.
$574_2 = \chi_{7,1}$	2	.	1	1	.	.	.	.	.	.	.
$819_1 = \chi_{8,0}$	1	1	1	1	.	.	.	.	.	.	.
$819_2 = \chi_{8,1}$	1	1	1	1	.	.	.	.	.	.	.
$3731_1 = \chi_{9,0}$	1	1	2	.	1	.	.	.	.	.	.
$3731_2 = \chi_{9,1}$	1	1	2	.	1	.	.	.	.	.	.
$3731_3 = \chi_{10,0}$	1	1	.	2	.	1	.	.	.	.	.
$3731_4 = \chi_{10,1}$	1	1	.	2	.	1	.	.	.	.	.
$7749_1 = \chi_{11,0}$	1	.	.	.	.	.	.	1	.	.	.
$7749_2 = \chi_{11,1}$	1	.	.	.	.	.	.	1	.	.	.
$7749_3 = \chi_{12,0}$	1	.	1	1	.	.	1	.	.	.	.
$7749_4 = \chi_{12,1}$	1	.	1	1	.	.	1	.	.	.	.
$11193_1 = \chi_{13,0}$	1	1	1	.	1	.	.	1	.	.	.
$11193_2 = \chi_{13,1}$	1	1	1	.	1	.	.	1	.	.	.
$11193_3 = \chi_{14,0}$	1	1	.	1	.	1	.	1	.	.	.
$11193_4 = \chi_{14,1}$	1	1	.	1	.	1	.	1	.	.	.
$11193_5 = \chi_{15,0}$	1	1	2	1	1	.	1	.	.	.	.
$11193_6 = \chi_{15,1}$	1	1	2	1	1	.	1	.	.	.	.
$11193_7 = \chi_{16,0}$	1	1	1	2	.	1	1	.	.	.	.
$11193_8 = \chi_{16,1}$	1	1	1	2	.	1	1	.	.	.	.
$14391_1 = \chi_{17,0}$	1	1	1	1	1	1	.	1	.	.	.
$14391_2 = \chi_{17,1}$	1	1	1	1	1	1	.	1	.	.	.
$14391_3 = \chi_{18,0}$	1	1	2	2	1	1	1	.	.	.	.
$14391_4 = \chi_{18,1}$	1	1	2	2	1	1	1	.	.	.	.
$14924_1 = \chi_{19,0}$	.	.	.	.	.	.	1	1	.	.	.
$14924_2 = \chi_{19,1}$	.	.	.	.	.	.	1	1	.	.	.
$14924_3 = \chi_{20,0}$	.	.	.	.	.	.	.	.	1	.	.
$14924_4 = \chi_{20,1}$	.	.	.	.	.	.	.	.	1	.	.

(Block 1:)	$\varphi_{12,0}$	$\varphi_{18,0}$	$\varphi_{19,0}$
$1_1 = \chi_{1,0}$.	.	.
$1_2 = \chi_{1,1}$.	.	.
$246_1 = \chi_{2,0}$.	.	.
$246_2 = \chi_{2,1}$.	.	.
$287_1 = \chi_{3,0}$.	.	.
$287_2 = \chi_{3,1}$.	.	.
$287_3 = \chi_{4,0}$.	.	.
$287_4 = \chi_{4,1}$.	.	.
$533_1 = \chi_{5,0}$.	.	.
$533_2 = \chi_{5,1}$.	.	.
$533_3 = \chi_{6,0}$.	.	.
$533_4 = \chi_{6,1}$.	.	.
$574_1 = \chi_{7,0}$.	.	.
$574_2 = \chi_{7,1}$.	.	.
$819_1 = \chi_{8,0}$.	.	.
$819_2 = \chi_{8,1}$.	.	.
$3731_1 = \chi_{9,0}$.	.	.
$3731_2 = \chi_{9,1}$.	.	.
$3731_3 = \chi_{10,0}$.	.	.
$3731_4 = \chi_{10,1}$.	.	.
$7749_1 = \chi_{11,0}$.	.	.
$7749_2 = \chi_{11,1}$.	.	.
$7749_3 = \chi_{12,0}$.	.	.
$7749_4 = \chi_{12,1}$.	.	.
$11193_1 = \chi_{13,0}$.	.	.
$11193_2 = \chi_{13,1}$.	.	.
$11193_3 = \chi_{14,0}$.	.	.
$11193_4 = \chi_{14,1}$.	.	.
$11193_5 = \chi_{15,0}$.	.	.
$11193_6 = \chi_{15,1}$.	.	.
$11193_7 = \chi_{16,0}$.	.	.
$11193_8 = \chi_{16,1}$.	.	.
$14391_1 = \chi_{17,0}$.	.	.
$14391_2 = \chi_{17,1}$.	.	.
$14391_3 = \chi_{18,0}$.	.	.
$14391_4 = \chi_{18,1}$.	.	.
$14924_1 = \chi_{19,0}$.	.	.
$14924_2 = \chi_{19,1}$.	.	.
$14924_3 = \chi_{20,0}$.	.	.
$14924_4 = \chi_{20,1}$.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	$\varphi_{11,0}$
14924 ₅ = $\chi_{21,0}$	.	.	.	.	.	.	.	.	.	1	.
14924 ₆ = $\chi_{21,1}$	.	.	.	.	.	.	.	.	.	1	.
21320 ₁ = $\chi_{22,0}$	.	.	.	.	1	1	.	2	.	.	.
21320 ₂ = $\chi_{22,1}$	.	.	.	.	1	1	.	2	.	.	.
22386 ₁ = $\chi_{23,0}$	2	2	2	2	1	1	1	1	.	.	.
22386 ₂ = $\chi_{23,1}$	2	2	2	2	1	1	1	1	.	.	.
22386 ₃ = $\chi_{24,0}$	2	2	3	3	1	1	2	.	.	.	.
22386 ₄ = $\chi_{24,1}$	2	2	3	3	1	1	2	.	.	.	.
25830 ₁ = $\chi_{25,0}$	.	1	2	.	1	.	1	.	1	.	.
25830 ₂ = $\chi_{25,1}$	.	1	2	.	1	.	1	.	1	.	.
25830 ₃ = $\chi_{26,0}$	.	1	.	2	.	1	1	.	.	1	.
25830 ₄ = $\chi_{26,1}$	.	1	.	2	.	1	1	.	.	1	.
33579 ₁ = $\chi_{27,0}$	1	1	2	.	1	.	1	1	1	.	.
33579 ₂ = $\chi_{27,1}$	1	1	2	.	1	.	1	1	1	.	.
33579 ₃ = $\chi_{28,0}$	1	1	.	2	.	1	1	1	.	1	.
33579 ₄ = $\chi_{28,1}$	1	1	.	2	.	1	1	1	.	1	.
33579 ₅ = $\chi_{29,0}$	1	1	3	1	1	.	2	.	1	.	.
33579 ₆ = $\chi_{29,1}$	1	1	3	1	1	.	2	.	1	.	.
33579 ₇ = $\chi_{30,0}$	1	1	1	3	.	1	2	.	.	1	.
33579 ₈ = $\chi_{30,1}$	1	1	1	3	.	1	2	.	.	1	.
37310 ₁ = $\chi_{31,0}$	2	2	3	3	1	1	2	.	1	.	.
37310 ₂ = $\chi_{31,1}$	2	2	3	3	1	1	2	.	1	.	.
37310 ₃ = $\chi_{32,0}$	2	2	3	3	1	1	2	.	.	1	.
37310 ₄ = $\chi_{32,1}$	2	2	3	3	1	1	2	.	.	1	.
44772 ₁ = $\chi_{33,0}$	.	.	.	.	.	.	1	1	1	1	.
44772 ₂ = $\chi_{33,1}$	.	.	.	.	.	.	1	1	1	1	.
47970 ₁ = $\chi_{34,0}$	2	2	4	2	2	1	2	1	1	.	.
47970 ₂ = $\chi_{34,1}$	2	2	4	2	2	1	2	1	1	.	.
47970 ₃ = $\chi_{35,0}$	2	2	2	4	1	2	2	1	.	1	.
47970 ₄ = $\chi_{35,1}$	2	2	2	4	1	2	2	1	.	1	.
51660 ₁ = $\chi_{36,0}$	.	2	2	2	1	1	2	.	1	1	.
51660 ₂ = $\chi_{36,1}$	.	2	2	2	1	1	2	.	1	1	.
59696 ₁ = $\chi_{37,0}$	.	.	.	.	.	.	2	2	1	1	.
59696 ₂ = $\chi_{37,1}$	.	.	.	.	.	.	2	2	1	1	.
66339 ₁ = $\chi_{40,0}$	1	1	2	2	1	1	3	1	1	1	.
66339 ₂ = $\chi_{40,1}$	1	1	2	2	1	1	3	1	1	1	.
74620 ₁ = $\chi_{41,0}$	.	.	.	.	1	.	1	1	.	.	1
74620 ₂ = $\chi_{41,1}$	.	.	.	.	1	.	1	1	.	.	1
74620 ₃ = $\chi_{42,0}$	.	.	.	.	.	1	1	1	.	.	.
74620 ₄ = $\chi_{42,1}$	.	.	.	.	.	1	1	1	.	.	.

(Block 1:)	$\varphi_{12,0}$	$\varphi_{18,0}$	$\varphi_{19,0}$
14924 ₅ = $\chi_{21,0}$.	.	.
14924 ₆ = $\chi_{21,1}$.	.	.
21320 ₁ = $\chi_{22,0}$.	.	.
21320 ₂ = $\chi_{22,1}$.	.	.
22386 ₁ = $\chi_{23,0}$.	.	.
22386 ₂ = $\chi_{23,1}$.	.	.
22386 ₃ = $\chi_{24,0}$.	.	.
22386 ₄ = $\chi_{24,1}$.	.	.
25830 ₁ = $\chi_{25,0}$.	.	.
25830 ₂ = $\chi_{25,1}$.	.	.
25830 ₃ = $\chi_{26,0}$.	.	.
25830 ₄ = $\chi_{26,1}$.	.	.
33579 ₁ = $\chi_{27,0}$.	.	.
33579 ₂ = $\chi_{27,1}$.	.	.
33579 ₃ = $\chi_{28,0}$.	.	.
33579 ₄ = $\chi_{28,1}$.	.	.
33579 ₅ = $\chi_{29,0}$.	.	.
33579 ₆ = $\chi_{29,1}$.	.	.
33579 ₇ = $\chi_{30,0}$.	.	.
33579 ₈ = $\chi_{30,1}$.	.	.
37310 ₁ = $\chi_{31,0}$.	.	.
37310 ₂ = $\chi_{31,1}$.	.	.
37310 ₃ = $\chi_{32,0}$.	.	.
37310 ₄ = $\chi_{32,1}$.	.	.
44772 ₁ = $\chi_{33,0}$.	.	.
44772 ₂ = $\chi_{33,1}$.	.	.
47970 ₁ = $\chi_{34,0}$.	.	.
47970 ₂ = $\chi_{34,1}$.	.	.
47970 ₃ = $\chi_{35,0}$.	.	.
47970 ₄ = $\chi_{35,1}$.	.	.
51660 ₁ = $\chi_{36,0}$.	.	.
51660 ₂ = $\chi_{36,1}$.	.	.
59696 ₁ = $\chi_{37,0}$.	.	.
59696 ₂ = $\chi_{37,1}$.	.	.
66339 ₁ = $\chi_{40,0}$.	.	.
66339 ₂ = $\chi_{40,1}$.	.	.
74620 ₁ = $\chi_{41,0}$.	.	.
74620 ₂ = $\chi_{41,1}$.	.	.
74620 ₃ = $\chi_{42,0}$	1	.	.
74620 ₄ = $\chi_{42,1}$	1	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	$\varphi_{11,0}$
100737 ₁ = $\chi_{43,0}$	1	1	2	1	1	1	2	1	1	.	.
100737 ₂ = $\chi_{43,1}$	1	1	2	1	1	1	2	1	1	.	.
100737 ₃ = $\chi_{44,0}$	1	1	1	2	1	1	2	1	.	1	1
100737 ₄ = $\chi_{44,1}$	1	1	1	2	1	1	2	1	.	1	1
100737 ₅ = $\chi_{45,0}$	1	1	3	2	1	1	3	.	1	.	.
100737 ₆ = $\chi_{45,1}$	1	1	3	2	1	1	3	.	1	.	.
100737 ₇ = $\chi_{46,0}$	1	1	2	3	1	1	3	.	.	1	1
100737 ₈ = $\chi_{46,1}$	1	1	2	3	1	1	3	.	.	1	1
127920 ₁ = $\chi_{51,0}$	.	.	.	.	.	.	2	.	.	.	1
127920 ₂ = $\chi_{51,1}$	.	.	.	.	.	.	2	.	.	.	1
134316 ₁ = $\chi_{52,0}$	.	.	.	.	1	1	1	1	.	.	1
134316 ₂ = $\chi_{52,1}$	.	.	.	.	1	1	1	1	.	.	1
134316 ₃ = $\chi_{53,0}$	.	.	.	.	.	.	.	.	1	.	.
134316 ₄ = $\chi_{53,1}$	.	.	.	.	.	.	.	.	1	.	.
134316 ₅ = $\chi_{54,0}$	.	.	.	.	.	.	.	.	.	1	.
134316 ₆ = $\chi_{54,1}$	.	.	.	.	.	.	.	.	.	1	.
179334 ₁ = $\chi_{59,0}$	.	1	2	2	1	1	4	.	1	1	1
179334 ₂ = $\chi_{59,1}$	.	1	2	2	1	1	4	.	1	1	1
201474 ₁ = $\chi_{60,0}$	2	2	4	4	2	2	5	1	1	1	1
201474 ₂ = $\chi_{60,1}$	2	2	4	4	2	2	5	1	1	1	1
201474 ₃ = $\chi_{61,0}$	2	2	3	3	2	2	4	2	1	1	1
201474 ₄ = $\chi_{61,1}$	2	2	3	3	2	2	4	2	1	1	1
209223 ₁ = $\chi_{62,0}$	1	.	1	.	1	.	1	1	1	.	1
209223 ₂ = $\chi_{62,1}$	1	.	1	.	1	.	1	1	1	.	1
209223 ₃ = $\chi_{63,0}$	1	.	.	1	.	1	1	1	.	1	.
209223 ₄ = $\chi_{63,1}$	1	.	.	1	.	1	1	1	.	1	.
223860 ₁ = $\chi_{64,0}$	4	4	6	6	3	3	6	2	1	1	1
223860 ₂ = $\chi_{64,1}$	4	4	6	6	3	3	6	2	1	1	1
223860 ₃ = $\chi_{65,0}$	.	.	.	.	1	.	1	1	1	1	1
223860 ₄ = $\chi_{65,1}$	.	.	.	.	1	.	1	1	1	1	1
223860 ₅ = $\chi_{66,0}$	.	.	.	.	.	1	1	1	1	1	.
223860 ₆ = $\chi_{66,1}$	.	.	.	.	.	1	1	1	1	1	.
298480 ₁ = $\chi_{69,0}$	.	.	.	.	2	.	2	2	1	1	2
298480 ₂ = $\chi_{69,1}$	.	.	.	.	2	.	2	2	1	1	2
298480 ₃ = $\chi_{70,0}$	.	.	.	.	.	2	2	2	1	1	.
298480 ₄ = $\chi_{70,1}$	.	.	.	.	.	2	2	2	1	1	.
302211 ₁ = $\chi_{71,0}$	1	1	3	1	2	1	3	1	2	.	1
302211 ₂ = $\chi_{71,1}$	1	1	3	1	2	1	3	1	2	.	1
302211 ₃ = $\chi_{72,0}$	1	1	1	3	1	2	3	1	.	2	1
302211 ₄ = $\chi_{72,1}$	1	1	1	3	1	2	3	1	.	2	1

(Block 1:)	$\varphi_{12,0}$	$\varphi_{18,0}$	$\varphi_{19,0}$
100737 ₁ = $\chi_{43,0}$	1	.	.
100737 ₂ = $\chi_{43,1}$	1	.	.
100737 ₃ = $\chi_{44,0}$	.	.	.
100737 ₄ = $\chi_{44,1}$	.	.	.
100737 ₅ = $\chi_{45,0}$	1	.	.
100737 ₆ = $\chi_{45,1}$	1	.	.
100737 ₇ = $\chi_{46,0}$	.	.	.
100737 ₈ = $\chi_{46,1}$	.	.	.
127920 ₁ = $\chi_{51,0}$	1	.	.
127920 ₂ = $\chi_{51,1}$	1	.	.
134316 ₁ = $\chi_{52,0}$	1	.	.
134316 ₂ = $\chi_{52,1}$	1	.	.
134316 ₃ = $\chi_{53,0}$	.	1	.
134316 ₄ = $\chi_{53,1}$	.	1	.
134316 ₅ = $\chi_{54,0}$	.	.	1
134316 ₆ = $\chi_{54,1}$	.	.	1
179334 ₁ = $\chi_{59,0}$	1	.	.
179334 ₂ = $\chi_{59,1}$	1	.	.
201474 ₁ = $\chi_{60,0}$	1	.	.
201474 ₂ = $\chi_{60,1}$	1	.	.
201474 ₃ = $\chi_{61,0}$	1	.	.
201474 ₄ = $\chi_{61,1}$	1	.	.
209223 ₁ = $\chi_{62,0}$	.	1	.
209223 ₂ = $\chi_{62,1}$	.	1	.
209223 ₃ = $\chi_{63,0}$	1	.	1
209223 ₄ = $\chi_{63,1}$	1	.	1
223860 ₁ = $\chi_{64,0}$	1	.	.
223860 ₂ = $\chi_{64,1}$	1	.	.
223860 ₃ = $\chi_{65,0}$	.	1	.
223860 ₄ = $\chi_{65,1}$	.	1	.
223860 ₅ = $\chi_{66,0}$	1	.	1
223860 ₆ = $\chi_{66,1}$	1	.	1
298480 ₁ = $\chi_{69,0}$	.	1	.
298480 ₂ = $\chi_{69,1}$	.	1	.
298480 ₃ = $\chi_{70,0}$	2	.	1
298480 ₄ = $\chi_{70,1}$	2	.	1
302211 ₁ = $\chi_{71,0}$	1	1	.
302211 ₂ = $\chi_{71,1}$	1	1	.
302211 ₃ = $\chi_{72,0}$	1	.	1
302211 ₄ = $\chi_{72,1}$	1	.	1

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{4,0}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,0}$	$\varphi_{11,0}$
$335790_1 = \chi_{73,0}$	2	2	3	3	2	2	4	2	2	1	1
$335790_2 = \chi_{73,1}$	2	2	3	3	2	2	4	2	2	1	1
$335790_3 = \chi_{74,0}$	2	2	3	3	2	2	4	2	1	2	1
$335790_4 = \chi_{74,1}$	2	2	3	3	2	2	4	2	1	2	1
$388557_1 = \chi_{85,0}$	1	1	3	2	2	1	5	1	2	1	2
$388557_2 = \chi_{85,1}$	1	1	3	2	2	1	5	1	2	1	2
$388557_3 = \chi_{86,0}$	1	1	2	3	1	2	5	1	1	2	1
$388557_4 = \chi_{86,1}$	1	1	2	3	1	2	5	1	1	2	1
$402948_1 = \chi_{87,0}$	.	.	.	.	1	1	1	1	1	1	1
$402948_2 = \chi_{87,1}$	.	.	.	.	1	1	1	1	1	1	1
$418446_1 = \chi_{88,0}$	2	.	1	1	1	1	2	2	1	1	1
$418446_2 = \chi_{88,1}$	2	.	1	1	1	1	2	2	1	1	1
$531441_1 = \chi_{103,0}$	1	.	1	1	1	1	3	1	1	1	2
$531441_2 = \chi_{103,1}$	1	.	1	1	1	1	3	1	1	1	2
$537264_1 = \chi_{104,0}$	.	.	.	.	2	2	2	2	1	1	2
$537264_2 = \chi_{104,1}$	.	.	.	.	2	2	2	2	1	1	2
$575640_1 = \chi_{107,0}$	.	.	.	.	1	1	4	2	2	2	2
$575640_2 = \chi_{107,1}$	.	.	.	.	1	1	4	2	2	2	2
$596960_1 = \chi_{108,0}$	.	.	.	.	2	2	4	4	2	2	2
$596960_2 = \chi_{108,1}$	.	.	.	.	2	2	4	4	2	2	2

(Block 1:)	$\varphi_{12,0}$	$\varphi_{18,0}$	$\varphi_{19,0}$	
$335790_1 = \chi_{73,0}$	1	1	.	
$335790_2 = \chi_{73,1}$	1	1	.	
$335790_3 = \chi_{74,0}$	1	.	1	$\varphi_{1,0} = 1_1$
$335790_4 = \chi_{74,1}$	1	.	1	$\varphi_{2,0} = 246_1$
$388557_1 = \chi_{85,0}$	1	1	.	$\varphi_{3,0} = 286_1$
$388557_2 = \chi_{85,1}$	1	1	.	$\varphi_{4,0} = 286_2$
$388557_3 = \chi_{86,0}$	2	.	1	$\varphi_{5,0} = 2912_1$
$388557_4 = \chi_{86,1}$	2	.	1	$\varphi_{6,0} = 2912_2$
$402948_1 = \chi_{87,0}$	1	1	1	$\varphi_{7,0} = 7176_1$
$402948_2 = \chi_{87,1}$	1	1	1	$\varphi_{8,0} = 7748_1$
$418446_1 = \chi_{88,0}$	1	1	1	$\varphi_{9,0} = 14924_1$
$418446_2 = \chi_{88,1}$	1	1	1	$\varphi_{10,0} = 14924_2$
$531441_1 = \chi_{103,0}$	2	1	1	$\varphi_{11,0} = 56784_1$
$531441_2 = \chi_{103,1}$	2	1	1	$\varphi_{12,0} = 56784_2$
$537264_1 = \chi_{104,0}$	2	1	1	$\varphi_{18,0} = 119392_3$
$537264_2 = \chi_{104,1}$	2	1	1	$\varphi_{19,0} = 119392_4$
$575640_1 = \chi_{107,0}$	2	1	1	
$575640_2 = \chi_{107,1}$	2	1	1	
$596960_1 = \chi_{108,0}$	2	1	1	
$596960_2 = \chi_{108,1}$	2	1	1	

Block 2:	$\varphi_{13,0}$	$\varphi_{14,0}$	$\varphi_{15,0}$	φ_{16+}	
$59696_3 = \chi_{38,0}$	1	.	.	.	
$59696_4 = \chi_{38,1}$	1	.	.	.	
$59696_5 = \chi_{39,0}$	1	.	.	.	
$59696_6 = \chi_{39,1}$	1	.	.	.	
$119392_1 = \chi_{47,0}$	.	1	.	.	
$119392_2 = \chi_{47,1}$	.	1	.	.	
$119392_3 = \chi_{48,0}$	.	.	1	.	
$119392_4 = \chi_{48,1}$	.	.	1	.	
$238784_1 = \chi_{49+}$	.	.	.	1	
$358176_1 = \chi_{55+}$	2	.	.	1	$\varphi_{13,0} = 59696_1$
$358176_2 = \chi_{57+}$	2	.	.	1	$\varphi_{14,0} = 119392_1$
$238784_2 = \chi_{67,0}$	.	1	1	.	$\varphi_{15,0} = 119392_2$
$238784_3 = \chi_{67,1}$	.	1	1	.	$\varphi_{16+} = 238784_1$
$238784_4 = \chi_{68,0}$	.	1	1	.	
$238784_5 = \chi_{68,1}$	.	1	1	.	
$716352_1 = \chi_{75+}$	.	2	2	1	
$477568_1 = \chi_{99,0}$	2	1	.	1	
$477568_2 = \chi_{99,1}$	2	1	.	1	
$477568_3 = \chi_{100,0}$	2	.	1	1	
$477568_4 = \chi_{100,1}$	2	.	1	1	
$955136_1 = \chi_{101+}$	.	2	2	2	
$537264_3 = \chi_{105,0}$	1	1	1	1	
$537264_4 = \chi_{105,1}$	1	1	1	1	
$537264_5 = \chi_{106,0}$	1	1	1	1	
$537264_6 = \chi_{106,1}$	1	1	1	1	

Block 3:	$\varphi_{20,0}$	
$367360_1 = \chi_{77,0}$	1	
$367360_2 = \chi_{77,1}$	1	$\varphi_{20,0} = 367360_1$
$367360_5 = \chi_{79,0}$	1	
$367360_6 = \chi_{79,1}$	1	
$734720_1 = \chi_{81+}$	2	

Block 4:	$\varphi_{21,0}$
$367360_3 = \chi_{78,0}$	1
$367360_4 = \chi_{78,1}$	1
$367360_7 = \chi_{80,0}$	1
$367360_8 = \chi_{80,1}$	1
$734720_2 = \chi_{82+}$	2

$$\varphi_{21,0} = 367360_2$$

Block 10:	$\varphi_{32,0}$
$682240_1 = \chi_{109,0}$	1
$682240_2 = \chi_{109,1}$	1
$682240_3 = \chi_{110,0}$	1
$682240_4 = \chi_{110,1}$	1
$682240_5 = \chi_{111,0}$	1
$682240_6 = \chi_{111,1}$	1
$682240_7 = \chi_{112,0}$	1
$682240_8 = \chi_{112,1}$	1

$$\varphi_{32,0} = 682240_1$$