

$U_6(2).3 \pmod{2}$

	blocks	defect	matrix
$G :$	1	15	111×33
	2	0	$32768_1 = \chi_{44,0}, \varphi_{12,0}$
	3	0	$32768_2 = \chi_{44,1}, \varphi_{12,1}$
	$4 = \bar{3}$	0	$32768_3 = \chi_{44,2}, \varphi_{12,2}$
$3.G :$	5 $6 = 5^*$	15	105×30

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{3,2}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{4,2}$	$\varphi_{5,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$22_1 = \chi_{2,0}$	.	1	1	1	.	.	.	.	.	.	.	.	.
$22_2 = \chi_{2,1}$	1	.	1	.	1	.	.	.	.	.	.	.	.
$22_3 = \chi_{2,2}$	1	1	.	.	.	1	.	.	.	.	.	.	.
$231_1 = \chi_{3,0}$	3	.	.	.	1	1	1	.	.	.	.	.	.
$231_2 = \chi_{3,1}$	.	3	.	1	.	1	.	1	.	.	.	.	.
$231_3 = \chi_{3,2}$	.	.	3	1	1	.	.	.	1	.	.	.	.
$252_1 = \chi_{4,0}$	2	1	1	1	1	1	1	.	.	.	.	.	.
$252_2 = \chi_{4,1}$	1	2	1	1	1	1	.	1	.	.	.	.	.
$252_3 = \chi_{4,2}$	1	1	2	1	1	1	.	.	1	.	.	.	.
$385_1 = \chi_{5,0}$	1	1	1	1	.	.	.	1	1	1	.	.	1
$385_2 = \chi_{5,1}$	1	1	1	.	1	.	1	.	1	.	1	.	.
$385_3 = \chi_{5,2}$	1	1	1	.	.	1	1	1	.	.	.	1	.
$440_1 = \chi_{6,0}$	4	.	.	.	1	1	3	.	.	.	.	1	.
$440_2 = \chi_{6,1}$	.	4	.	1	.	1	.	3	.	1	.	.	.
$440_3 = \chi_{6,2}$	.	.	4	1	1	.	.	.	3	.	1	.	1
$560_1 = \chi_{7,0}$	.	2	2	.	1	1	.	1	1	.	1	.	.
$560_2 = \chi_{7,1}$	2	.	2	1	.	1	1	.	1	.	.	1	1
$560_3 = \chi_{7,2}$	2	2	.	1	1	.	1	1	.	1	.	.	.
$616_1 = \chi_{8,0}$	2	.	.	1	1	1	.	.	.	.	.	.	.
$616_2 = \chi_{8,1}$	.	2	.	1	1	1	.	.	.	.	.	.	.
$616_3 = \chi_{8,2}$	.	.	2	1	1	1	.	.	.	.	.	.	.
$770_1 = \chi_{9,0}$	1	.	1	.	1	1	1	.	.	.	.	1	.
$770_2 = \chi_{9,1}$	1	1	.	1	.	1	.	1	.	1	.	.	1
$770_3 = \chi_{9,2}$	.	1	1	1	1	.	.	.	1	.	1	.	.
$770_4 = \chi_{10,0}$	1	1	.	.	1	1	1	.	.	.	1	.	.
$770_5 = \chi_{10,1}$	.	1	1	1	.	1	.	1	.	.	.	1	.
$770_6 = \chi_{10,2}$	1	.	1	1	1	.	.	.	1	1	.	.	1
$3465_1 = \chi_{11+}$	5	5	5	3	3	3	3	3	3	2	2	2	2
$1386_1 = \chi_{14,0}$	4	2	2	1	2	2	2	1	1	.	1	1	.
$1386_2 = \chi_{14,1}$	2	4	2	2	1	2	1	2	1	1	.	1	1
$1386_3 = \chi_{14,2}$	2	2	4	2	2	1	1	1	2	1	1	.	1
$1540_1 = \chi_{15,0}$	2	3	3	2	1	1	1	2	2	1	1	1	1
$1540_2 = \chi_{15,1}$	3	2	3	1	2	1	2	1	2	1	1	1	1
$1540_3 = \chi_{15,2}$	3	3	2	1	1	2	2	2	1	1	1	1	1
$3080_1 = \chi_{16,0}$	2	6	.	1	1	2	2	4	.	4	1	.	1
$3080_2 = \chi_{16,1}$	.	2	6	2	1	1	.	2	4	.	4	1	1
$3080_3 = \chi_{16,2}$	6	.	2	1	2	1	4	.	2	1	.	4	2

(Block 1:)	$\varphi_{5,1}$	$\varphi_{5,2}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{6,2}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{7,2}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{8,2}$	$\varphi_{9,0}$	$\varphi_{9,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$22_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$22_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$22_3 = \chi_{2,2}$	.	.	.	.	.	.	.	.	.	.	.	.	.
$231_1 = \chi_{3,0}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$231_2 = \chi_{3,1}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$231_3 = \chi_{3,2}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$252_1 = \chi_{4,0}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$252_2 = \chi_{4,1}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$252_3 = \chi_{4,2}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$385_1 = \chi_{5,0}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$385_2 = \chi_{5,1}$	1	.	.	1	.	.	.	.	.	.	.	.	.
$385_3 = \chi_{5,2}$	.	1	.	.	1	.	.	.	.	.	.	.	.
$440_1 = \chi_{6,0}$	1	.	1	.	.	.	.	.	.	.	.	.	.
$440_2 = \chi_{6,1}$	.	1	.	1	.	.	.	.	.	.	.	.	.
$440_3 = \chi_{6,2}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$560_1 = \chi_{7,0}$	.	1	.	1	1	.	.	.	.	.	.	.	.
$560_2 = \chi_{7,1}$	.	.	1	.	1	.	.	.	.	.	.	.	.
$560_3 = \chi_{7,2}$	1	.	1	1	.	.	.	.	.	.	.	.	.
$616_1 = \chi_{8,0}$	.	.	1	.	.	1	.	.	.	.	.	.	.
$616_2 = \chi_{8,1}$	.	.	.	1	.	.	1	.	.	.	.	.	.
$616_3 = \chi_{8,2}$	.	.	.	.	1	.	.	1	.	.	.	.	.
$770_1 = \chi_{9,0}$	.	1	.	.	1	.	1	.	.	.	.	.	.
$770_2 = \chi_{9,1}$	.	.	1	.	.	.	.	1	.	.	.	.	.
$770_3 = \chi_{9,2}$	1	.	.	1	.	1	.	.	.	.	.	.	.
$770_4 = \chi_{10,0}$	1	.	.	1	.	.	.	1	.	.	.	.	.
$770_5 = \chi_{10,1}$	.	1	.	.	1	1	.	.	.	.	.	.	.
$770_6 = \chi_{10,2}$	.	.	1	.	.	.	1	.	.	.	.	.	.
$3465_1 = \chi_{11+}$	2	2	2	2	2	1	1	1	.	.	.	.	.
$1386_1 = \chi_{14,0}$	1	1	1	1	1	1	.	.	.	.	.	.	.
$1386_2 = \chi_{14,1}$	.	1	1	1	1	.	1	.	.	.	.	.	.
$1386_3 = \chi_{14,2}$	1	.	1	1	1	.	.	1	.	.	.	.	.
$1540_1 = \chi_{15,0}$	1	1	1	1	1	1	.	.	.	.	.	.	.
$1540_2 = \chi_{15,1}$	1	1	1	1	1	.	1	.	.	.	.	.	.
$1540_3 = \chi_{15,2}$	1	1	1	1	1	.	.	1	.	.	.	.	.
$3080_1 = \chi_{16,0}$	2	1	1	2	.	.	.	2	1	.	.	.	.
$3080_2 = \chi_{16,1}$	1	2	.	1	2	2	.	.	.	1	.	.	.
$3080_3 = \chi_{16,2}$	1	1	2	.	1	.	2	.	.	.	1	.	.

(Block 1:)	$\varphi_{9,2}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{10,2}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$
$1_1 = \chi_{1,0}$
$1_2 = \chi_{1,1}$
$1_3 = \chi_{1,2}$
$22_1 = \chi_{2,0}$
$22_2 = \chi_{2,1}$
$22_3 = \chi_{2,2}$
$231_1 = \chi_{3,0}$
$231_2 = \chi_{3,1}$
$231_3 = \chi_{3,2}$
$252_1 = \chi_{4,0}$
$252_2 = \chi_{4,1}$
$252_3 = \chi_{4,2}$
$385_1 = \chi_{5,0}$
$385_2 = \chi_{5,1}$
$385_3 = \chi_{5,2}$
$440_1 = \chi_{6,0}$
$440_2 = \chi_{6,1}$
$440_3 = \chi_{6,2}$
$560_1 = \chi_{7,0}$
$560_2 = \chi_{7,1}$
$560_3 = \chi_{7,2}$
$616_1 = \chi_{8,0}$
$616_2 = \chi_{8,1}$
$616_3 = \chi_{8,2}$
$770_1 = \chi_{9,0}$
$770_2 = \chi_{9,1}$
$770_3 = \chi_{9,2}$
$770_4 = \chi_{10,0}$
$770_5 = \chi_{10,1}$
$770_6 = \chi_{10,2}$
$3465_1 = \chi_{11,+}$
$1386_1 = \chi_{14,0}$
$1386_2 = \chi_{14,1}$
$1386_3 = \chi_{14,2}$
$1540_1 = \chi_{15,0}$
$1540_2 = \chi_{15,1}$
$1540_3 = \chi_{15,2}$
$3080_1 = \chi_{16,0}$
$3080_2 = \chi_{16,1}$
$3080_3 = \chi_{16,2}$

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{3,2}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{4,2}$	$\varphi_{5,0}$
3080 ₄ = $\chi_{17,0}$	2	.	6	1	2	1	2	.	4	1	1	2	4
3080 ₅ = $\chi_{17,1}$	6	2	.	1	1	2	4	2	.	2	1	1	1
3080 ₆ = $\chi_{17,2}$	.	6	2	2	1	1	.	4	2	1	2	1	.
3520 ₁ = $\chi_{18,0}$	.	4	4	2	2	2	.	2	2	.	2	.	.
3520 ₂ = $\chi_{18,1}$	4	.	4	2	2	2	2	.	2	.	.	2	2
3520 ₃ = $\chi_{18,2}$	4	4	.	2	2	2	2	2	.	2	.	.	.
4620 ₁ = $\chi_{19,0}$	6	1	1	1	2	2	3	.	.	.	1	1	.
4620 ₂ = $\chi_{19,1}$	1	6	1	2	1	2	.	3	.	1	.	1	1
4620 ₃ = $\chi_{19,2}$	1	1	6	2	2	1	.	.	3	1	1	.	1
4928 ₁ = $\chi_{20,0}$	4	2	2	.	2	2	2	1	1	.	2	1	.
4928 ₂ = $\chi_{20,1}$	2	4	2	2	.	2	1	2	1	1	.	2	2
4928 ₃ = $\chi_{20,2}$	2	2	4	2	2	.	1	1	2	2	1	.	1
5544 ₁ = $\chi_{21,0}$	6	2	2	2	2	2	3	1	1	2	1	1	2
5544 ₂ = $\chi_{21,1}$	2	6	2	2	2	2	1	3	1	1	2	1	1
5544 ₃ = $\chi_{21,2}$	2	2	6	2	2	2	1	1	3	1	1	2	1
6160 ₁ = $\chi_{22,0}$	4	2	6	3	3	2	2	1	4	.	2	3	2
6160 ₂ = $\chi_{22,1}$	6	4	2	2	3	3	4	2	1	3	.	2	3
6160 ₃ = $\chi_{22,2}$	2	6	4	3	2	3	1	4	2	2	3	.	1
6160 ₄ = $\chi_{23,0}$	4	6	2	3	2	3	2	4	1	2	3	1	.
6160 ₅ = $\chi_{23,1}$	2	4	6	3	3	2	1	2	4	1	2	3	2
6160 ₆ = $\chi_{23,2}$	6	2	4	2	3	3	4	1	2	3	1	2	3
6930 ₁ = $\chi_{24,0}$	4	3	3	2	2	2	3	2	2	1	2	3	1
6930 ₂ = $\chi_{24,1}$	3	4	3	2	2	2	2	3	2	3	1	2	2
6930 ₃ = $\chi_{24,2}$	3	3	4	2	2	2	2	2	3	2	3	1	3
8064 ₁ = $\chi_{25,0}$	2	4	4	4	2	2	.	2	2	2	2	.	2
8064 ₂ = $\chi_{25,1}$	4	2	4	2	4	2	2	.	2	.	2	2	2
8064 ₃ = $\chi_{25,2}$	4	4	2	2	2	4	2	2	.	2	.	2	.
27720 ₁ = χ_{26+}	8	8	8	5	5	5	4	4	4	4	4	4	4
10395 ₁ = $\chi_{29,0}$	3	2	8	3	3	2	2	1	4	1	2	3	1
10395 ₂ = $\chi_{29,1}$	8	3	2	2	3	3	4	2	1	3	1	2	2
10395 ₃ = $\chi_{29,2}$	2	8	3	3	2	3	1	4	2	2	3	1	3
10395 ₄ = $\chi_{30,0}$	3	8	2	3	2	3	2	4	1	1	2	3	1
10395 ₅ = $\chi_{30,1}$	2	3	8	3	3	2	1	2	4	3	1	2	2
10395 ₆ = $\chi_{30,2}$	8	2	3	2	3	3	4	1	2	2	3	1	3
31185 ₁ = χ_{31+}	13	13	13	8	8	8	7	7	7	6	6	6	6
11264 ₁ = $\chi_{34,0}$	14	4	4	4	4	4	8	3	3	5	2	5	5
11264 ₂ = $\chi_{34,1}$	4	14	4	4	4	4	3	8	3	5	5	2	2
11264 ₃ = $\chi_{34,2}$	4	4	14	4	4	4	3	3	8	2	5	5	5
13860 ₁ = $\chi_{35,0}$	6	1	1	1	2	2	3	1	1	3	2	1	3
13860 ₂ = $\chi_{35,1}$	1	6	1	2	1	2	1	3	1	1	3	2	2

(Block 1:)	$\varphi_{5,1}$	$\varphi_{5,2}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{6,2}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{7,2}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{8,2}$	$\varphi_{9,0}$	$\varphi_{9,1}$
3080 ₄ = $\chi_{17,0}$	.	1	1	.	2	.	2	.	.	.	.	1	.
3080 ₅ = $\chi_{17,1}$	4	.	2	1	.	.	.	2	.	.	.	.	1
3080 ₆ = $\chi_{17,2}$	1	4	.	2	1	2	.	.	.	.	.	.	.
3520 ₁ = $\chi_{18,0}$	.	2	.	2	2	1	.	.	.	.	.	.	.
3520 ₂ = $\chi_{18,1}$	.	.	2	.	2	.	1	.	.	.	.	.	.
3520 ₃ = $\chi_{18,2}$	2	.	2	2	.	.	.	1	.	.	.	.	.
4620 ₁ = $\chi_{19,0}$	1	1	2	1	1	1	.	.	.	.	.	.	.
4620 ₂ = $\chi_{19,1}$	.	1	1	2	1	.	1	.	.	.	.	.	.
4620 ₃ = $\chi_{19,2}$	1	.	1	1	2	.	.	1	.	.	.	.	.
4928 ₁ = $\chi_{20,0}$	1	2	1	2	2	1	.	.	.	.	.	.	.
4928 ₂ = $\chi_{20,1}$	.	1	2	1	2	.	1	.	.	.	.	.	.
4928 ₃ = $\chi_{20,2}$	2	.	2	2	1	.	.	1	.	.	.	.	.
5544 ₁ = $\chi_{21,0}$	1	1	3	1	1	.	1	1	.	.	.	.	.
5544 ₂ = $\chi_{21,1}$	2	1	1	3	1	1	.	1	.	.	.	.	.
5544 ₃ = $\chi_{21,2}$	1	2	1	1	3	1	1	.	.	.	.	.	.
6160 ₁ = $\chi_{22,0}$	1	3	2	1	3	2	1	.	.	.	.	.	.
6160 ₂ = $\chi_{22,1}$	2	1	3	2	1	.	2	1	.	.	.	1	.
6160 ₃ = $\chi_{22,2}$	3	2	1	3	2	1	.	2	.	.	.	.	1
6160 ₄ = $\chi_{23,0}$	3	2	2	3	1	2	.	1	.	1	.	.	.
6160 ₅ = $\chi_{23,1}$	.	3	1	2	3	1	2	.	.	.	1	.	.
6160 ₆ = $\chi_{23,2}$	2	.	3	1	2	.	1	2	1	.	.	.	.
6930 ₁ = $\chi_{24,0}$	3	2	1	2	2	1	1	1	.	.	1	.	1
6930 ₂ = $\chi_{24,1}$	1	3	2	1	2	1	1	1	1	.	.	.	.
6930 ₃ = $\chi_{24,2}$	2	1	2	2	1	1	1	1	.	1	.	1	.
8064 ₁ = $\chi_{25,0}$	.	2	2	2	2	1	1	1	.	.	.	.	.
8064 ₂ = $\chi_{25,1}$	2	.	2	2	2	1	1	1	.	.	.	.	.
8064 ₃ = $\chi_{25,2}$	2	2	2	2	2	1	1	1	.	.	.	.	.
27720 ₁ = χ_{26+}	4	4	5	5	5	2	2	2	1	1	1	1	1
10395 ₁ = $\chi_{29,0}$	3	2	1	2	4	1	1	1	.	.	1	.	1
10395 ₂ = $\chi_{29,1}$	1	3	4	1	2	1	1	1	1	.	.	.	.
10395 ₃ = $\chi_{29,2}$	2	1	2	4	1	1	1	1	.	1	.	1	.
10395 ₄ = $\chi_{30,0}$	3	2	1	4	2	1	1	1	.	.	1	.	1
10395 ₅ = $\chi_{30,1}$	1	3	2	1	4	1	1	1	1	.	.	.	.
10395 ₆ = $\chi_{30,2}$	2	1	4	2	1	1	1	1	.	1	.	1	.
31185 ₁ = χ_{31+}	6	6	7	7	7	3	3	3	1	1	1	1	1
11264 ₁ = $\chi_{34,0}$	5	2	6	2	2	.	3	3	.	.	1	.	1
11264 ₂ = $\chi_{34,1}$	5	5	2	6	2	3	.	3	1	.	.	.	.
11264 ₃ = $\chi_{34,2}$	2	5	2	2	6	3	3	.	.	1	.	1	.
13860 ₁ = $\chi_{35,0}$	1	2	4	1	1	1	1	1	1	1	.	1	.
13860 ₂ = $\chi_{35,1}$	3	1	1	4	1	1	1	1	.	1	1	1	1

(Block 1:)	$\varphi_{9,2}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{10,2}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$
$3080_4 = \chi_{17,0}$	.	.	.	.	.	.	.
$3080_5 = \chi_{17,1}$	.	.	.	.	.	.	.
$3080_6 = \chi_{17,2}$	1	.	.	.	.	.	.
$3520_1 = \chi_{18,0}$	.	1	.	.	.	.	.
$3520_2 = \chi_{18,1}$	.	.	1	.	.	.	.
$3520_3 = \chi_{18,2}$	.	.	.	1	.	.	.
$4620_1 = \chi_{19,0}$	.	.	.	.	1	.	.
$4620_2 = \chi_{19,1}$	.	.	.	.	.	1	.
$4620_3 = \chi_{19,2}$	.	.	.	.	.	.	1
$4928_1 = \chi_{20,0}$	.	.	.	.	1	.	.
$4928_2 = \chi_{20,1}$	.	.	.	.	.	1	.
$4928_3 = \chi_{20,2}$	.	.	.	.	.	.	1
$5544_1 = \chi_{21,0}$	.	.	.	.	1	.	.
$5544_2 = \chi_{21,1}$	.	.	.	.	.	1	.
$5544_3 = \chi_{21,2}$	.	.	.	.	.	.	1
$6160_1 = \chi_{22,0}$	1	.	1	.	.	.	.
$6160_2 = \chi_{22,1}$	.	.	.	1	.	.	.
$6160_3 = \chi_{22,2}$	.	1	.	.	.	.	.
$6160_4 = \chi_{23,0}$	.	.	.	1	.	.	.
$6160_5 = \chi_{23,1}$	.	1	.	.	.	.	.
$6160_6 = \chi_{23,2}$	.	.	1	.	.	.	.
$6930_1 = \chi_{24,0}$	.	1	.	.	.	.	.
$6930_2 = \chi_{24,1}$	1	.	1	.	.	.	.
$6930_3 = \chi_{24,2}$	.	.	.	1	.	.	.
$8064_1 = \chi_{25,0}$	.	1	.	.	1	.	.
$8064_2 = \chi_{25,1}$	.	.	1	.	.	1	.
$8064_3 = \chi_{25,2}$	.	.	.	1	.	.	1
$27720_1 = \chi_{26+}$	1	1	1	1	1	1	1
$10395_1 = \chi_{29,0}$	.	1	.	.	.	.	1
$10395_2 = \chi_{29,1}$	1	.	1	.	1	.	.
$10395_3 = \chi_{29,2}$	.	.	.	1	.	1	.
$10395_4 = \chi_{30,0}$	.	1	.	.	.	1	.
$10395_5 = \chi_{30,1}$	1	.	1	.	.	.	1
$10395_6 = \chi_{30,2}$	.	.	.	1	1	.	.
$31185_1 = \chi_{31+}$	1	1	1	1	1	1	1
$11264_1 = \chi_{34,0}$	.	.	.	.	1	.	.
$11264_2 = \chi_{34,1}$	1	.	.	.	.	1	.
$11264_3 = \chi_{34,2}$	.	.	.	.	.	.	1
$13860_1 = \chi_{35,0}$	1	.	1	1	1	.	.
$13860_2 = \chi_{35,1}$	.	1	.	1	.	1	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{3,2}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{4,2}$	$\varphi_{5,0}$
13860 ₃ = $\chi_{35,2}$	1	1	6	2	2	1	1	1	3	2	1	3	1
14784 ₁ = $\chi_{36,0}$	14	8	8	6	6	6	8	5	5	5	4	5	5
14784 ₂ = $\chi_{36,1}$	8	14	8	6	6	6	5	8	5	5	5	4	4
14784 ₃ = $\chi_{36,2}$	8	8	14	6	6	6	5	5	8	4	5	5	5
18711 ₁ = $\chi_{37,0}$	15	8	8	5	7	7	8	5	5	5	5	4	5
18711 ₂ = $\chi_{37,1}$	8	15	8	7	5	7	5	8	5	4	5	5	5
18711 ₃ = $\chi_{37,2}$	8	8	15	7	7	5	5	5	8	5	4	5	4
18711 ₄ = $\chi_{38,0}$	15	8	8	5	7	7	8	5	5	5	5	4	5
18711 ₅ = $\chi_{38,1}$	8	15	8	7	5	7	5	8	5	4	5	5	5
18711 ₆ = $\chi_{38,2}$	8	8	15	7	7	5	5	5	8	5	4	5	4
20790 ₁ = $\chi_{39,0}$	10	11	5	5	5	6	5	6	3	5	4	3	5
20790 ₂ = $\chi_{39,1}$	5	10	11	6	5	5	3	5	6	3	5	4	4
20790 ₃ = $\chi_{39,2}$	11	5	10	5	6	5	6	3	5	4	3	5	3
20790 ₄ = $\chi_{40,0}$	10	5	11	5	6	5	5	3	6	5	4	3	5
20790 ₅ = $\chi_{40,1}$	11	10	5	5	5	6	6	5	3	3	5	4	4
20790 ₆ = $\chi_{40,2}$	5	11	10	6	5	5	3	6	5	4	3	5	3
24640 ₁ = $\chi_{41,0}$	12	6	6	5	6	6	6	4	4	4	6	4	4
24640 ₂ = $\chi_{41,1}$	6	12	6	6	5	6	4	6	4	4	4	6	6
24640 ₃ = $\chi_{41,2}$	6	6	12	6	6	5	4	4	6	6	4	4	4
25515 ₁ = $\chi_{42,0}$	5	13	13	8	7	5	3	7	7	5	6	4	3
25515 ₂ = $\chi_{42,1}$	13	5	13	5	8	7	7	3	7	4	5	6	5
25515 ₃ = $\chi_{42,2}$	13	13	5	7	5	8	7	7	3	6	4	5	7
25515 ₄ = $\chi_{43,0}$	5	13	13	8	5	7	3	7	7	3	5	7	5
25515 ₅ = $\chi_{43,1}$	13	5	13	7	8	5	7	3	7	7	3	5	6
25515 ₆ = $\chi_{43,2}$	13	13	5	5	7	8	7	7	3	5	7	3	4
37422 ₁ = $\chi_{45,0}$	10	14	14	10	8	8	5	7	7	5	7	6	5
37422 ₂ = $\chi_{45,1}$	14	10	14	8	10	8	7	5	7	6	5	7	7
37422 ₃ = $\chi_{45,2}$	14	14	10	8	8	10	7	7	5	7	6	5	6
40095 ₁ = $\chi_{46,0}$	19	15	15	12	10	10	9	9	9	7	8	8	7
40095 ₂ = $\chi_{46,1}$	15	19	15	10	12	10	9	9	9	8	7	8	8
40095 ₃ = $\chi_{46,2}$	15	15	19	10	10	12	9	9	9	8	8	7	8

(Block 1:)	$\varphi_{5,1}$	$\varphi_{5,2}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{6,2}$	$\varphi_{7,0}$	$\varphi_{7,1}$	$\varphi_{7,2}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{8,2}$	$\varphi_{9,0}$	$\varphi_{9,1}$
13860 ₃ = $\chi_{35,2}$	2	3	1	1	4	1	1	1	1	.	1	.	1
14784 ₁ = $\chi_{36,0}$	5	4	6	4	4	1	3	3	.	.	1	.	1
14784 ₂ = $\chi_{36,1}$	5	5	4	6	4	3	1	3	1	.	.	.	.
14784 ₃ = $\chi_{36,2}$	4	5	4	4	6	3	3	1	.	1	.	1	.
18711 ₁ = $\chi_{37,0}$	4	5	7	4	4	3	2	2	1	1	.	1	.
18711 ₂ = $\chi_{37,1}$	5	4	4	7	4	2	3	2	.	1	1	1	1
18711 ₃ = $\chi_{37,2}$	5	5	4	4	7	2	2	3	1	.	1	.	1
18711 ₄ = $\chi_{38,0}$	4	5	7	4	4	3	2	2	1	1	.	1	.
18711 ₅ = $\chi_{38,1}$	5	4	4	7	4	2	3	2	.	1	1	1	1
18711 ₆ = $\chi_{38,2}$	5	5	4	4	7	2	2	3	1	.	1	.	1
20790 ₁ = $\chi_{39,0}$	3	4	6	5	3	2	2	2	1	1	.	1	.
20790 ₂ = $\chi_{39,1}$	5	3	3	6	5	2	2	2	.	1	1	1	1
20790 ₃ = $\chi_{39,2}$	4	5	5	3	6	2	2	2	1	.	1	.	1
20790 ₄ = $\chi_{40,0}$	3	4	6	3	5	2	2	2	1	1	.	1	.
20790 ₅ = $\chi_{40,1}$	5	3	5	6	3	2	2	2	.	1	1	1	1
20790 ₆ = $\chi_{40,2}$	4	5	3	5	6	2	2	2	1	.	1	.	1
24640 ₁ = $\chi_{41,0}$	4	6	7	4	4	4	2	2	1	2	.	1	.
24640 ₂ = $\chi_{41,1}$	4	4	4	7	4	2	4	2	.	1	2	2	1
24640 ₃ = $\chi_{41,2}$	6	4	4	4	7	2	2	4	2	.	1	.	2
25515 ₁ = $\chi_{42,0}$	7	5	3	7	7	3	1	4	1	.	1	.	2
25515 ₂ = $\chi_{42,1}$	3	7	7	3	7	4	3	1	1	1	.	1	.
25515 ₃ = $\chi_{42,2}$	5	3	7	7	3	1	4	3	.	1	1	2	1
25515 ₄ = $\chi_{43,0}$	4	6	3	7	7	3	4	1	.	1	2	1	1
25515 ₅ = $\chi_{43,1}$	5	4	7	3	7	1	3	4	2	.	1	.	1
25515 ₆ = $\chi_{43,2}$	6	5	7	7	3	4	1	3	1	2	.	1	.
37422 ₁ = $\chi_{45,0}$	6	7	6	8	8	4	3	3	1	1	2	1	2
37422 ₂ = $\chi_{45,1}$	5	6	8	6	8	3	4	3	2	1	1	1	1
37422 ₃ = $\chi_{45,2}$	7	5	8	8	6	3	3	4	1	2	1	2	1
40095 ₁ = $\chi_{46,0}$	8	8	11	8	8	6	3	3	1	2	1	1	1
40095 ₂ = $\chi_{46,1}$	7	8	8	11	8	3	6	3	1	1	2	2	1
40095 ₃ = $\chi_{46,2}$	8	7	8	8	11	3	3	6	2	1	1	1	2

(Block 1:)	$\varphi_{9,2}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{10,2}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	
13860 ₃ = $\chi_{35,2}$	1	1	1	.	.	.	1	$\varphi_{1,0}$ = 1 ₁
14784 ₁ = $\chi_{36,0}$	.	1	.	.	1	.	.	$\varphi_{1,1}$ = 1 ₂
14784 ₂ = $\chi_{36,1}$	1	.	1	.	.	1	.	$\varphi_{1,2}$ = 1 ₃
14784 ₃ = $\chi_{36,2}$	.	.	.	1	.	.	1	$\varphi_{2,0}$ = 20 ₁
18711 ₁ = $\chi_{37,0}$	1	.	1	1	1	.	.	$\varphi_{2,1}$ = 20 ₂
18711 ₂ = $\chi_{37,1}$	.	1	.	1	.	1	.	$\varphi_{2,2}$ = 20 ₃
18711 ₃ = $\chi_{37,2}$	1	1	1	.	.	.	1	$\varphi_{3,0}$ = 34 ₁
18711 ₄ = $\chi_{38,0}$	1	.	1	1	1	.	.	$\varphi_{3,1}$ = 34 ₂
18711 ₅ = $\chi_{38,1}$	.	1	.	1	.	1	.	$\varphi_{3,2}$ = 34 ₃
18711 ₆ = $\chi_{38,2}$	1	1	1	.	.	.	1	$\varphi_{4,0}$ = 70 ₁
20790 ₁ = $\chi_{39,0}$	1	.	1	1	1	1	.	$\varphi_{4,1}$ = 70 ₂
20790 ₂ = $\chi_{39,1}$	.	1	.	1	.	1	1	$\varphi_{4,2}$ = 70 ₃
20790 ₃ = $\chi_{39,2}$	1	1	1	.	1	.	1	$\varphi_{5,0}$ = 70 ₄
20790 ₄ = $\chi_{40,0}$	1	.	1	1	1	.	1	$\varphi_{5,1}$ = 70 ₅
20790 ₅ = $\chi_{40,1}$	.	1	.	1	1	1	.	$\varphi_{5,2}$ = 70 ₆
20790 ₆ = $\chi_{40,2}$	1	1	1	.	.	1	1	$\varphi_{6,0}$ = 154 ₁
24640 ₁ = $\chi_{41,0}$	2	.	2	2	1	.	.	$\varphi_{6,1}$ = 154 ₂
24640 ₂ = $\chi_{41,1}$	.	2	.	2	.	1	.	$\varphi_{6,2}$ = 154 ₃
24640 ₃ = $\chi_{41,2}$	1	2	2	.	.	.	1	$\varphi_{7,0}$ = 400 ₁
25515 ₁ = $\chi_{42,0}$	1	2	1	.	.	1	1	$\varphi_{7,1}$ = 400 ₂
25515 ₂ = $\chi_{42,1}$	2	.	2	1	1	.	1	$\varphi_{7,2}$ = 400 ₃
25515 ₃ = $\chi_{42,2}$	.	1	.	2	1	1	.	$\varphi_{8,0}$ = 896 ₁
25515 ₄ = $\chi_{43,0}$	.	2	.	1	.	1	1	$\varphi_{8,1}$ = 896 ₂
25515 ₅ = $\chi_{43,1}$	1	1	2	.	1	.	1	$\varphi_{8,2}$ = 896 ₃
25515 ₆ = $\chi_{43,2}$	1	.	1	2	1	1	.	$\varphi_{9,0}$ = 896 ₄
37422 ₁ = $\chi_{45,0}$	1	3	1	1	1	1	1	$\varphi_{9,1}$ = 896 ₅
37422 ₂ = $\chi_{45,1}$	2	1	3	1	1	1	1	$\varphi_{9,2}$ = 896 ₆
37422 ₃ = $\chi_{45,2}$	1	1	1	3	1	1	1	$\varphi_{10,0}$ = 1960 ₁
40095 ₁ = $\chi_{46,0}$	2	1	2	2	1	1	1	$\varphi_{10,1}$ = 1960 ₂
40095 ₂ = $\chi_{46,1}$	1	2	1	2	1	1	1	$\varphi_{10,2}$ = 1960 ₃
40095 ₃ = $\chi_{46,2}$	1	2	2	1	1	1	1	$\varphi_{11,0}$ = 3114 ₁
								$\varphi_{11,1}$ = 3114 ₂
								$\varphi_{11,2}$ = 3114 ₃

Blocks 5, 6:	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{13,2}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{14,2}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{15,2}$	$\varphi_{16,0}$	$\varphi_{16,1}$
$21_1 = \chi_{47,0}$	1	.	.	1	.	.	.	.	.	.	.
$21_2 = \chi_{47,1}$	.	1	.	.	1	.	.	.	.	.	.
$21_3 = \chi_{47,2}$	.	.	1	.	.	1	.	.	.	.	.
$210_1 = \chi_{48,0}$	1	.	.	1	1	.	1	.	.	.	1
$210_2 = \chi_{48,1}$	.	1	.	.	1	1	.	1	.	.	.
$210_3 = \chi_{48,2}$	.	.	1	1	.	1	.	.	1	1	.
$231_4 = \chi_{49,0}$	1	1	.	1	1	1	.	1	.	.	.
$231_5 = \chi_{49,1}$	.	1	1	1	1	1	.	.	1	1	.
$231_6 = \chi_{49,2}$	1	.	1	1	1	1	1	.	.	.	1
$462_1 = \chi_{50,0}$	.	3	1	.	1	3	.	1	.	.	.
$462_2 = \chi_{50,1}$	1	.	3	3	.	1	.	.	1	1	.
$462_3 = \chi_{50,2}$	3	1	.	1	3	.	1	.	.	.	1
$924_1 = \chi_{51,0}$	2	1	.	1	1	2	.	2	.	.	.
$924_2 = \chi_{51,1}$	.	2	1	2	1	1	.	.	2	1	.
$924_3 = \chi_{51,2}$	1	.	2	1	2	1	2	.	.	.	1
$1155_1 = \chi_{52,0}$	1	.	1	2	2	1	1	.	1	2	.
$1155_2 = \chi_{52,1}$	1	1	.	1	2	2	1	1	.	.	2
$1155_3 = \chi_{52,2}$	.	1	1	2	1	2	.	1	1	.	.
$1386_4 = \chi_{53,0}$	1	2	.	.	3	1	.	.	.	1	1
$1386_5 = \chi_{53,1}$	.	1	2	1	.	3	.	.	.	.	1
$1386_6 = \chi_{53,2}$	2	.	1	3	1	.	.	.	.	1	.
$4455_1 = \chi_{54+}$	3	3	3	5	5	5	1	1	1	2	2
$2310_1 = \chi_{57,0}$	3	1	2	4	2	2	.	1	1	2	.
$2310_2 = \chi_{57,1}$	2	3	1	2	4	2	1	.	1	1	2
$2310_3 = \chi_{57,2}$	1	2	3	2	2	4	1	1	.	.	1
$2310_7 = \chi_{58,0}$	1	3	3	5	3	4	1	1	3	1	1
$2310_8 = \chi_{58,1}$	3	1	3	4	5	3	3	1	1	2	1
$2310_9 = \chi_{58,2}$	3	3	1	3	4	5	1	3	1	1	2
$2520_1 = \chi_{59,0}$	3	1	3	4	4	2	2	1	.	1	1
$2520_2 = \chi_{59,1}$	3	3	1	2	4	4	.	2	1	2	1
$2520_3 = \chi_{59,2}$	1	3	3	4	2	4	1	.	2	1	2
$2772_1 = \chi_{60,0}$	3	2	2	3	4	3	1	1	.	1	3
$2772_2 = \chi_{60,1}$	2	3	2	3	3	4	.	1	1	.	1
$2772_3 = \chi_{60,2}$	2	2	3	4	3	3	1	.	1	3	.
$3465_2 = \chi_{61,0}$	4	4	.	2	6	5	1	3	.	1	3
$3465_3 = \chi_{61,1}$	.	4	4	5	2	6	.	1	3	1	1
$3465_4 = \chi_{61,2}$	4	.	4	6	5	2	3	.	1	3	1
$10395_7 = \chi_{62+}$	8	8	8	13	13	13	4	4	4	5	5
$3696_1 = \chi_{65,0}$	2	2	2	4	4	2	.	.	1	2	1
$3696_2 = \chi_{65,1}$	2	2	2	2	4	4	1	.	.	2	2

(Blocks 5, 6:)	$\varphi_{16,2}$	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{17,2}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{18,2}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{19,2}$	$\varphi_{20,0}$
$21_1 = \chi_{47,0}$	.	.	.	.	.	.	.	.	.	.	.
$21_2 = \chi_{47,1}$	.	.	.	.	.	.	.	.	.	.	.
$21_3 = \chi_{47,2}$	.	.	.	.	.	.	.	.	.	.	.
$210_1 = \chi_{48,0}$	.	.	.	.	.	.	.	.	.	.	.
$210_2 = \chi_{48,1}$	1	.	.	.	.	.	.	.	.	.	.
$210_3 = \chi_{48,2}$	.	.	.	.	.	.	.	.	.	.	.
$231_4 = \chi_{49,0}$	1	.	.	.	.	.	.	.	.	.	.
$231_5 = \chi_{49,1}$	.	.	.	.	.	.	.	.	.	.	.
$231_6 = \chi_{49,2}$	.	.	.	.	.	.	.	.	.	.	.
$462_1 = \chi_{50,0}$	1	.	1	.	.	.	.	.	.	.	.
$462_2 = \chi_{50,1}$	.	.	.	1	.	.	.	.	.	.	.
$462_3 = \chi_{50,2}$	.	1	.	.	.	.	.	.	.	.	.
$924_1 = \chi_{51,0}$	1	1	.	.	1	.	.	.	.	.	.
$924_2 = \chi_{51,1}$	.	.	1	.	.	1	.	.	.	.	.
$924_3 = \chi_{51,2}$	.	.	.	1	.	.	1	.	.	.	.
$1155_1 = \chi_{52,0}$	.	.	.	.	.	.	.	1	.	.	.
$1155_2 = \chi_{52,1}$	.	.	.	.	.	.	.	.	1	.	.
$1155_3 = \chi_{52,2}$	2	.	.	.	.	.	.	.	.	1	.
$1386_4 = \chi_{53,0}$	.	.	1	.	.	.	.	.	.	.	1
$1386_5 = \chi_{53,1}$	1	.	.	1	.	.	.	.	.	.	.
$1386_6 = \chi_{53,2}$	1	1	.	.	.	.	.	.	.	.	.
$4455_1 = \chi_{54+}$	2	1	1	1	.	.	.	.	.	.	1
$2310_1 = \chi_{57,0}$	1	2	.	.	1	.	.	.	.	.	.
$2310_2 = \chi_{57,1}$	.	.	2	.	.	1	.	.	.	.	1
$2310_3 = \chi_{57,2}$	2	.	.	2	.	.	1	.	.	.	.
$2310_7 = \chi_{58,0}$	2	.	1	.	.	1	.	.	.	1	.
$2310_8 = \chi_{58,1}$	1	.	.	1	.	.	1	1	.	.	.
$2310_9 = \chi_{58,2}$	1	1	.	.	1	.	.	.	1	.	.
$2520_1 = \chi_{59,0}$	2	1	.	1	.	.	1	.	.	.	.
$2520_2 = \chi_{59,1}$	1	1	1	.	1	.	.	.	.	.	1
$2520_3 = \chi_{59,2}$	1	.	1	1	.	1	.	.	.	.	.
$2772_1 = \chi_{60,0}$	.	.	1	1	.	.	.	.	1	.	1
$2772_2 = \chi_{60,1}$	3	1	.	1	.	.	.	.	.	1	.
$2772_3 = \chi_{60,2}$	1	1	1	.	.	.	.	1	.	.	.
$3465_2 = \chi_{61,0}$	1	1	1	.	1	.	.	.	1	.	1
$3465_3 = \chi_{61,1}$	3	.	1	1	.	1	.	.	.	1	.
$3465_4 = \chi_{61,2}$	1	1	.	1	.	.	1	1	.	.	.
$10395_7 = \chi_{62+}$	5	2	2	2	1	1	1	1	1	1	1
$3696_1 = \chi_{65,0}$	2	1	1	.	.	.	.	.	.	1	1
$3696_2 = \chi_{65,1}$	1	.	1	1	.	.	.	1	.	.	1

(Blocks 5, 6:)	$\varphi_{20,1}$	$\varphi_{20,2}$	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{21,2}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{22,2}$
$21_1 = \chi_{47,0}$
$21_2 = \chi_{47,1}$
$21_3 = \chi_{47,2}$
$210_1 = \chi_{48,0}$
$210_2 = \chi_{48,1}$
$210_3 = \chi_{48,2}$
$231_4 = \chi_{49,0}$
$231_5 = \chi_{49,1}$
$231_6 = \chi_{49,2}$
$462_1 = \chi_{50,0}$
$462_2 = \chi_{50,1}$
$462_3 = \chi_{50,2}$
$924_1 = \chi_{51,0}$
$924_2 = \chi_{51,1}$
$924_3 = \chi_{51,2}$
$1155_1 = \chi_{52,0}$
$1155_2 = \chi_{52,1}$
$1155_3 = \chi_{52,2}$
$1386_4 = \chi_{53,0}$
$1386_5 = \chi_{53,1}$	1	.	.	.	.	.	.	.
$1386_6 = \chi_{53,2}$.	1	.	.	.	.	.	.
$4455_1 = \chi_{54+}$	1	1	.	.	.	.	.	.
$2310_1 = \chi_{57,0}$.	1	.	.	.	.	.	.
$2310_2 = \chi_{57,1}$
$2310_3 = \chi_{57,2}$	1	.	.	.	.	.	.	.
$2310_7 = \chi_{58,0}$
$2310_8 = \chi_{58,1}$
$2310_9 = \chi_{58,2}$
$2520_1 = \chi_{59,0}$.	1	.	.	.	.	.	.
$2520_2 = \chi_{59,1}$
$2520_3 = \chi_{59,2}$	1	.	.	.	.	.	.	.
$2772_1 = \chi_{60,0}$
$2772_2 = \chi_{60,1}$	1	.	.	.	.	.	.	.
$2772_3 = \chi_{60,2}$.	1	.	.	.	.	.	.
$3465_2 = \chi_{61,0}$
$3465_3 = \chi_{61,1}$	1	.	.	.	.	.	.	.
$3465_4 = \chi_{61,2}$.	1	.	.	.	.	.	.
$10395_7 = \chi_{62+}$	1	1	.	.	.	.	.	.
$3696_1 = \chi_{65,0}$.	1	.	.	.	.	.	.
$3696_2 = \chi_{65,1}$	1	.	.	.	.	.	.	.

(Blocks 5, 6:)	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{13,2}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{14,2}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{15,2}$	$\varphi_{16,0}$	$\varphi_{16,1}$
$3696_3 = \chi_{65,2}$	2	2	2	4	2	4	.	1	.	1	2
$4620_4 = \chi_{66,0}$	2	5	2	3	5	6	1	1	1	1	4
$4620_5 = \chi_{66,1}$	2	2	5	6	3	5	1	1	1	1	1
$4620_6 = \chi_{66,2}$	5	2	2	5	6	3	1	1	1	4	1
$4620_{10} = \chi_{67,0}$	4	3	2	5	5	4	.	2	1	2	1
$4620_{11} = \chi_{67,1}$	2	4	3	4	5	5	1	.	2	3	2
$4620_{12} = \chi_{67,2}$	3	2	4	5	4	5	2	1	.	1	3
$5544_4 = \chi_{68,0}$	3	5	5	6	6	10	2	4	2	1	3
$5544_5 = \chi_{68,1}$	5	3	5	10	6	6	2	2	4	4	1
$5544_6 = \chi_{68,2}$	5	5	3	6	10	6	4	2	2	3	4
$6720_1 = \chi_{69,0}$	6	4	2	4	12	6	4	2	.	4	4
$6720_2 = \chi_{69,1}$	2	6	4	6	4	12	.	4	2	1	4
$6720_3 = \chi_{69,2}$	4	2	6	12	6	4	2	.	4	4	1
$6930_4 = \chi_{70,0}$	4	4	8	11	7	8	3	1	4	4	2
$6930_5 = \chi_{70,1}$	8	4	4	8	11	7	4	3	1	4	4
$6930_6 = \chi_{70,2}$	4	8	4	7	8	11	1	4	3	2	4
$9240_1 = \chi_{71,0}$	2	4	4	4	4	6	1	1	1	3	2
$9240_2 = \chi_{71,1}$	4	2	4	6	4	4	1	1	1	2	3
$9240_3 = \chi_{71,2}$	4	4	2	4	6	4	1	1	1	2	2
$9240_7 = \chi_{72,0}$	1	7	5	2	4	10	1	3	.	.	3
$9240_8 = \chi_{72,1}$	5	1	7	10	2	4	.	1	3	4	.
$9240_9 = \chi_{72,2}$	7	5	1	4	10	2	3	.	1	3	4
$10395_9 = \chi_{73,0}$	3	8	4	4	8	9	2	2	2	3	4
$10395_{10} = \chi_{73,1}$	4	3	8	9	4	8	2	2	2	2	3
$10395_{11} = \chi_{73,2}$	8	4	3	8	9	4	2	2	2	4	2
$11088_1 = \chi_{74,0}$	4	8	4	6	8	10	1	4	3	2	4
$11088_2 = \chi_{74,1}$	4	4	8	10	6	8	3	1	4	4	2
$11088_3 = \chi_{74,2}$	8	4	4	8	10	6	4	3	1	4	4
$35640_1 = \chi_{75+}$	18	18	18	26	26	26	7	7	7	11	11
$14784_4 = \chi_{78,0}$	8	2	2	6	10	6	3	2	1	4	3
$14784_5 = \chi_{78,1}$	2	8	2	6	6	10	1	3	2	2	4
$14784_6 = \chi_{78,2}$	2	2	8	10	6	6	2	1	3	3	2
$18480_1 = \chi_{79,0}$	12	8	12	18	16	14	5	3	5	9	6
$18480_2 = \chi_{79,1}$	12	12	8	14	18	16	5	5	3	5	9
$18480_3 = \chi_{79,2}$	8	12	12	16	14	18	3	5	5	6	5
$18711_7 = \chi_{80,0}$	12	8	14	22	14	15	4	4	6	8	5
$18711_8 = \chi_{80,1}$	14	12	8	15	22	14	6	4	4	8	8
$18711_9 = \chi_{80,2}$	8	14	12	14	15	22	4	6	4	5	8
$18711_{13} = \chi_{81,0}$	12	8	14	22	14	15	4	4	6	8	5
$18711_{14} = \chi_{81,1}$	14	12	8	15	22	14	6	4	4	8	8

(Blocks 5, 6:)	$\varphi_{16,2}$	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{17,2}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{18,2}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{19,2}$	$\varphi_{20,0}$
$3696_3 = \chi_{65,2}$	2	1	.	1	.	.	.	.	1	.	.
$4620_4 = \chi_{66,0}$	1	.	2	1	.	1	.	.	1	.	1
$4620_5 = \chi_{66,1}$	4	1	.	2	.	.	1	.	.	1	.
$4620_6 = \chi_{66,2}$	1	2	1	.	1	.	.	1	.	.	1
$4620_{10} = \chi_{67,0}$	3	2	1	.	1	.	.	.	.	1	1
$4620_{11} = \chi_{67,1}$	1	.	2	1	.	1	.	1	.	.	1
$4620_{12} = \chi_{67,2}$	2	1	.	2	.	.	1	.	1	.	.
$5544_4 = \chi_{68,0}$	4	1	.	2	1	.	1	.	1	1	.
$5544_5 = \chi_{68,1}$	3	2	1	.	1	1	.	1	.	1	.
$5544_6 = \chi_{68,2}$	1	.	2	1	.	1	1	1	1	.	1
$6720_1 = \chi_{69,0}$	1	.	2	1	.	.	1	2	1	.	2
$6720_2 = \chi_{69,1}$	4	1	.	2	1	.	.	.	2	1	.
$6720_3 = \chi_{69,2}$	4	2	1	.	.	1	.	1	.	2	.
$6930_4 = \chi_{70,0}$	4	1	1	2	.	1	1	1	.	1	.
$6930_5 = \chi_{70,1}$	2	2	1	1	1	.	1	1	1	.	1
$6930_6 = \chi_{70,2}$	4	1	2	1	1	1	.	.	1	1	1
$9240_1 = \chi_{71,0}$	2	1	1	2	.	.	.	1	1	.	.
$9240_2 = \chi_{71,1}$	2	2	1	1	.	.	.	.	1	1	1
$9240_3 = \chi_{71,2}$	3	1	2	1	.	.	.	1	.	1	1
$9240_7 = \chi_{72,0}$	4	.	1	4	.	.	1	.	1	.	.
$9240_8 = \chi_{72,1}$	3	4	.	1	1	.	.	.	.	1	.
$9240_9 = \chi_{72,2}$	.	1	4	.	.	1	.	1	.	.	2
$10395_9 = \chi_{73,0}$	2	.	3	2	.	1	.	1	1	.	1
$10395_{10} = \chi_{73,1}$	4	2	.	3	.	.	1	.	1	1	.
$10395_{11} = \chi_{73,2}$	3	3	2	.	1	.	.	1	.	1	1
$11088_1 = \chi_{74,0}$	4	1	2	2	1	1	.	.	1	1	1
$11088_2 = \chi_{74,1}$	4	2	1	2	.	1	1	1	.	1	.
$11088_3 = \chi_{74,2}$	2	2	2	1	1	.	1	1	1	.	1
$35640_1 = \chi_{75+}$	11	6	6	6	1	1	1	2	2	2	3
$14784_4 = \chi_{78,0}$	2	2	1	.	1	.	.	3	.	.	1
$14784_5 = \chi_{78,1}$	3	.	2	1	.	1	.	.	3	.	1
$14784_6 = \chi_{78,2}$	4	1	.	2	.	.	1	.	.	3	.
$18480_1 = \chi_{79,0}$	5	4	3	3	1	1	1	2	1	1	2
$18480_2 = \chi_{79,1}$	6	3	4	3	1	1	1	1	2	1	2
$18480_3 = \chi_{79,2}$	9	3	3	4	1	1	1	1	1	2	1
$18711_7 = \chi_{80,0}$	8	5	2	3	1	1	1	1	1	2	1
$18711_8 = \chi_{80,1}$	5	3	5	2	1	1	1	2	1	1	3
$18711_9 = \chi_{80,2}$	8	2	3	5	1	1	1	1	2	1	1
$18711_{13} = \chi_{81,0}$	8	5	2	3	1	1	1	1	1	2	1
$18711_{14} = \chi_{81,1}$	5	3	5	2	1	1	1	2	1	1	3

(Blocks 5, 6:)	$\varphi_{20,1}$	$\varphi_{20,2}$	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{21,2}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{22,2}$
$3696_3 = \chi_{65,2}$	1	1	.	.	.	.	.	.
$4620_4 = \chi_{66,0}$	1	.	.	.	.	.	.	.
$4620_5 = \chi_{66,1}$	1	1	.	.	.	.	.	.
$4620_6 = \chi_{66,2}$	.	1	.	.	.	.	.	.
$4620_{10} = \chi_{67,0}$	.	1	.	.	.	.	.	.
$4620_{11} = \chi_{67,1}$	1	.	.	.	.	.	.	.
$4620_{12} = \chi_{67,2}$	1	1	.	.	.	.	.	.
$5544_4 = \chi_{68,0}$	1	.	.	.	.	.	.	.
$5544_5 = \chi_{68,1}$	.	1	.	.	.	.	.	.
$5544_6 = \chi_{68,2}$	.	.	.	.	.	.	.	.
$6720_1 = \chi_{69,0}$	.	.	.	.	.	.	.	.
$6720_2 = \chi_{69,1}$	2	.	.	.	.	.	.	.
$6720_3 = \chi_{69,2}$	.	2	.	.	.	.	.	.
$6930_4 = \chi_{70,0}$	1	1	.	.	.	.	.	.
$6930_5 = \chi_{70,1}$	.	1	.	.	.	.	.	.
$6930_6 = \chi_{70,2}$	1	.	.	.	.	.	.	.
$9240_1 = \chi_{71,0}$	1	1	.	1	.	.	.	.
$9240_2 = \chi_{71,1}$	.	1	.	.	1	.	.	.
$9240_3 = \chi_{71,2}$	1	.	1	.	.	.	.	.
$9240_7 = \chi_{72,0}$	2	.	.	1	.	.	.	.
$9240_8 = \chi_{72,1}$	.	2	.	.	1	.	.	.
$9240_9 = \chi_{72,2}$	.	.	1	.	.	.	.	.
$10395_9 = \chi_{73,0}$	1	.	.	1	.	.	.	.
$10395_{10} = \chi_{73,1}$	1	1	.	.	1	.	.	.
$10395_{11} = \chi_{73,2}$	.	1	1	.	.	.	.	.
$11088_1 = \chi_{74,0}$	1	.	.	1	.	.	.	.
$11088_2 = \chi_{74,1}$	1	1	.	.	1	.	.	.
$11088_3 = \chi_{74,2}$	.	1	1	.	.	.	.	.
$35640_1 = \chi_{75+}$	3	3	1	1	1	.	.	.
$14784_4 = \chi_{78,0}$	.	1	.	.	.	1	.	.
$14784_5 = \chi_{78,1}$	1	.	.	.	.	.	1	.
$14784_6 = \chi_{78,2}$	1	1	.	.	.	.	.	1
$18480_1 = \chi_{79,0}$	1	2	.	.	1	.	.	.
$18480_2 = \chi_{79,1}$	2	1	1	.	.	.	.	.
$18480_3 = \chi_{79,2}$	2	2	.	1	.	.	.	.
$18711_7 = \chi_{80,0}$	1	3	.	.	1	.	.	.
$18711_8 = \chi_{80,1}$	1	1	1	.	.	.	.	.
$18711_9 = \chi_{80,2}$	3	1	.	1	.	.	.	.
$18711_{13} = \chi_{81,0}$	1	3	.	.	1	.	.	.
$18711_{14} = \chi_{81,1}$	1	1	1	.	.	.	.	.

(Blocks 5, 6:)	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{13,2}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{14,2}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{15,2}$	$\varphi_{16,0}$	$\varphi_{16,1}$
$18711_{15} = \chi_{81,2}$	8	14	12	14	15	22	4	6	4	5	8
$20790_7 = \chi_{82,0}$	12	7	11	17	13	12	4	4	4	6	5
$20790_8 = \chi_{82,1}$	11	12	7	12	17	13	4	4	4	7	6
$20790_9 = \chi_{82,2}$	7	11	12	13	12	17	4	4	4	5	7
$21504_1 = \chi_{83,0}$	4	8	12	16	10	18	2	5	5	4	6
$21504_2 = \chi_{83,1}$	12	4	8	18	16	10	5	2	5	8	4
$21504_3 = \chi_{83,2}$	8	12	4	10	18	16	5	5	2	6	8
$25515_7 = \chi_{84,0}$	14	17	8	15	23	17	5	5	4	7	11
$25515_8 = \chi_{84,1}$	8	14	17	17	15	23	4	5	5	6	7
$25515_9 = \chi_{84,2}$	17	8	14	23	17	15	5	4	5	11	6
$25515_{13} = \chi_{85,0}$	10	11	8	9	17	19	5	5	2	6	7
$25515_{14} = \chi_{85,1}$	8	10	11	19	9	17	2	5	5	6	6
$25515_{15} = \chi_{85,2}$	11	8	10	17	19	9	5	2	5	7	6
$27720_2 = \chi_{86,0}$	11	11	9	12	18	18	4	5	2	6	7
$27720_3 = \chi_{86,1}$	9	11	11	18	12	18	2	4	5	8	6
$27720_4 = \chi_{86,2}$	11	9	11	18	18	12	5	2	4	7	8
$29568_1 = \chi_{87,0}$	8	10	10	8	14	18	5	4	1	4	7
$29568_2 = \chi_{87,1}$	10	8	10	18	8	14	1	5	4	7	4
$29568_3 = \chi_{87,2}$	10	10	8	14	18	8	4	1	5	7	7
$37422_4 = \chi_{88,0}$	16	15	14	18	24	24	6	6	3	10	10
$37422_5 = \chi_{88,1}$	14	16	15	24	18	24	3	6	6	9	10
$37422_6 = \chi_{88,2}$	15	14	16	24	24	18	6	3	6	10	9
$40095_4 = \chi_{89,0}$	19	17	15	27	25	25	6	8	6	13	11
$40095_5 = \chi_{89,1}$	15	19	17	25	27	25	6	6	8	9	13
$40095_6 = \chi_{89,2}$	17	15	19	25	25	27	8	6	6	11	9

(Blocks 5, 6:)	$\varphi_{16,2}$	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{17,2}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{18,2}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{19,2}$	$\varphi_{20,0}$
18711 ₁₅ = $\chi_{81,2}$	8	2	3	5	1	1	1	1	2	1	1
20790 ₇ = $\chi_{82,0}$	7	5	2	3	1	.	1	1	1	2	1
20790 ₈ = $\chi_{82,1}$	5	3	5	2	1	1	.	2	1	1	2
20790 ₉ = $\chi_{82,2}$	6	2	3	5	.	1	1	1	2	1	1
21504 ₁ = $\chi_{83,0}$	8	2	.	4	1	.	1	.	2	4	.
21504 ₂ = $\chi_{83,1}$	6	4	2	.	1	1	.	4	.	2	1
21504 ₃ = $\chi_{83,2}$	4	.	4	2	.	1	1	2	4	.	3
25515 ₇ = $\chi_{84,0}$	6	3	7	3	1	2	.	1	2	1	4
25515 ₈ = $\chi_{84,1}$	11	3	3	7	.	1	2	1	1	2	1
25515 ₉ = $\chi_{84,2}$	7	7	3	3	2	.	1	2	1	1	2
25515 ₁₃ = $\chi_{85,0}$	6	2	3	4	1	.	1	4	1	.	1
25515 ₁₄ = $\chi_{85,1}$	7	4	2	3	1	1	.	.	4	1	1
25515 ₁₅ = $\chi_{85,2}$	6	3	4	2	.	1	1	1	.	4	2
27720 ₂ = $\chi_{86,0}$	8	3	3	4	1	.	1	3	1	1	2
27720 ₃ = $\chi_{86,1}$	7	4	3	3	1	1	.	1	3	1	2
27720 ₄ = $\chi_{86,2}$	6	3	4	3	.	1	1	1	1	3	2
29568 ₁ = $\chi_{87,0}$	7	2	2	6	.	.	2	3	1	.	1
29568 ₂ = $\chi_{87,1}$	7	6	2	2	2	.	.	.	3	1	1
29568 ₃ = $\chi_{87,2}$	4	2	6	2	.	2	.	1	.	3	3
37422 ₄ = $\chi_{88,0}$	9	5	5	5	1	.	1	4	2	1	3
37422 ₅ = $\chi_{88,1}$	10	5	5	5	1	1	.	1	4	2	3
37422 ₆ = $\chi_{88,2}$	10	5	5	5	.	1	1	2	1	4	2
40095 ₄ = $\chi_{89,0}$	9	6	6	4	2	1	1	2	5	1	4
40095 ₅ = $\chi_{89,1}$	11	4	6	6	1	2	1	1	2	5	3
40095 ₆ = $\chi_{89,2}$	13	6	4	6	1	1	2	5	1	2	1

(Blocks 5, 6:)	$\varphi_{20,1}$	$\varphi_{20,2}$	$\varphi_{21,0}$	$\varphi_{21,1}$	$\varphi_{21,2}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{22,2}$
18711 ₁₅ = $\chi_{81,2}$	3	1	.	1	.	.	.	.
20790 ₇ = $\chi_{82,0}$	1	2	1	.	1	.	.	.
20790 ₈ = $\chi_{82,1}$	1	1	1	1	.	.	.	.
20790 ₉ = $\chi_{82,2}$	2	1	.	1	1	.	.	.
21504 ₁ = $\chi_{83,0}$	3	1	.	.	.	.	.	1
21504 ₂ = $\chi_{83,1}$	.	3	.	.	.	1	.	.
21504 ₃ = $\chi_{83,2}$	1	.	.	.	.	.	1	.
25515 ₇ = $\chi_{84,0}$	2	1	1	1	.	.	.	.
25515 ₈ = $\chi_{84,1}$	4	2	.	1	1	.	.	.
25515 ₉ = $\chi_{84,2}$	1	4	1	.	1	.	.	.
25515 ₁₃ = $\chi_{85,0}$	2	1	.	1	.	1	.	.
25515 ₁₄ = $\chi_{85,1}$	1	2	.	.	1	.	1	.
25515 ₁₅ = $\chi_{85,2}$	1	1	1	.	.	.	.	1
27720 ₂ = $\chi_{86,0}$	2	2	.	1	.	1	.	.
27720 ₃ = $\chi_{86,1}$	2	2	.	.	1	.	1	.
27720 ₄ = $\chi_{86,2}$	2	2	1	.	.	.	.	1
29568 ₁ = $\chi_{87,0}$	3	1	.	1	1	1	.	.
29568 ₂ = $\chi_{87,1}$	1	3	1	.	1	.	1	.
29568 ₃ = $\chi_{87,2}$	1	1	1	1	.	.	.	1
37422 ₄ = $\chi_{88,0}$	2	3	.	1	1	1	.	.
37422 ₅ = $\chi_{88,1}$	3	2	1	.	1	.	1	.
37422 ₆ = $\chi_{88,2}$	3	3	1	1	.	.	.	1
40095 ₄ = $\chi_{89,0}$	1	3	1	.	1	.	1	.
40095 ₅ = $\chi_{89,1}$	4	1	1	1	.	.	.	1
40095 ₆ = $\chi_{89,2}$	3	4	.	1	1	1	.	.

$\varphi_{13,0}$	=	6 ₁	$\varphi_{18,0}$	=	384 ₁
$\varphi_{13,1}$	=	6 ₂	$\varphi_{18,1}$	=	384 ₂
$\varphi_{13,2}$	=	6 ₃	$\varphi_{18,2}$	=	384 ₃
$\varphi_{14,0}$	=	15 ₁	$\varphi_{19,0}$	=	720 ₁
$\varphi_{14,1}$	=	15 ₂	$\varphi_{19,1}$	=	720 ₂
$\varphi_{14,2}$	=	15 ₃	$\varphi_{19,2}$	=	720 ₃
$\varphi_{15,0}$	=	84 ₁	$\varphi_{20,0}$	=	924 ₁
$\varphi_{15,1}$	=	84 ₂	$\varphi_{20,1}$	=	924 ₂
$\varphi_{15,2}$	=	84 ₃	$\varphi_{20,2}$	=	924 ₃
$\varphi_{16,0}$	=	90 ₁	$\varphi_{21,0}$	=	3984 ₁
$\varphi_{16,1}$	=	90 ₂	$\varphi_{21,1}$	=	3984 ₂
$\varphi_{16,2}$	=	90 ₃	$\varphi_{21,2}$	=	3984 ₃
$\varphi_{17,0}$	=	204 ₁	$\varphi_{22,0}$	=	8064 ₁
$\varphi_{17,1}$	=	204 ₂	$\varphi_{22,1}$	=	8064 ₂
$\varphi_{17,2}$	=	204 ₃	$\varphi_{22,2}$	=	8064 ₃