

$A_{14}.2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	5	51×20
	2	5	51×20
	3	4	22×10
	4	2	9×5
	5	0	$69498_1 = \chi_{72,0}, \varphi_{30,0}$
	6	0	$69498_2 = \chi_{72,1}, \varphi_{30,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{2,1}$	$\varphi_{3,1}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,1}$	$\varphi_{8,1}$	$\varphi_{9,1}$	$\varphi_{10,0}$	$\varphi_{12,0}$	$\varphi_{13,0}$	$\varphi_{15,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$13_2 = \chi_{2,1}$	.	1	.	.	.	.	.	.	.	.	.	.
$77_2 = \chi_{3,1}$	.	1	1	.	.	.	.	.	.	.	.	.
$273_1 = \chi_{5,0}$	.	.	.	1	.	.	.	.	.	.	.	.
$286_1 = \chi_{6,0}$	.	.	.	.	1	.	.	.	.	.	.	.
$429_2 = \chi_{7,1}$	1	.	.	.	.	1	.	.	.	.	.	.
$560_1 = \chi_{8,0}$	1	.	.	1	1	.	.	.	.	.	.	.
$637_2 = \chi_{9,1}$	.	1	1	.	.	.	1	.	.	.	.	.
$715_2 = \chi_{10,1}$	.	.	.	.	.	.	.	1	.	.	.	.
$1001_2 = \chi_{11,1}$	.	1	.	.	.	1	1	.	.	.	.	.
$1001_3 = \chi_{12,0}$	1	.	.	.	.	.	.	.	1	.	.	.
$1365_2 = \chi_{14,1}$	.	2	1	.	.	.	1	1	.	.	.	.
$1716_1 = \chi_{15,0}$	.	.	.	.	.	.	.	.	.	.	1	.
$2002_1 = \chi_{16,0}$	1	.	.	1	1	.	.	.	.	1	.	.
$4576_1 = \chi_{19,0}$	1	1	.	.	.	.	.	.	1	.	.	.
$4928_2 = \chi_{22,1}$	.	.	.	.	.	.	.	1	.	.	.	.
$6006_1 = \chi_{24,0}$	2	.	.	.	.	.	.	.	1	1	.	.
$6006_4 = \chi_{25,1}$	.	2	1	.	.	1	1	1	.	.	.	.
$6006_5 = \chi_{26,0}$	.	1	.	.	.	.	.	1	.	.	1	.
$7007_1 = \chi_{28,0}$	2	.	.	.	1	.	.	.	.	1	.	.
$7007_3 = \chi_{29,0}$	1	.	.	.	1	.	.	.	.	1	1	.
$7007_5 = \chi_{30,0}$	1	1	1	.	.	.	.	.	.	.	.	1
$7644_1 = \chi_{31,0}$	2	.	.	1	.	.	.	.	1	.	.	.
$8085_1 = \chi_{32,0}$	.	.	.	.	.	.	.	.	.	.	1	.
$12012_3 = \chi_{35,0}$	2	.	.	.	.	1	.	.	1	.	.	.
$13650_1 = \chi_{36,0}$	2	.	.	.	.	.	.	.	.	1	.	1
$14014_2 = \chi_{37,1}$	1	1	.	.	.	1	1	.	.	.	.	.
$14014_4 = \chi_{38,1}$	.	.	1	.	.	1	.	.	.	.	.	.
$14014_5 = \chi_{39,0}$	1	2	1	.	.	.	1	.	.	.	.	1
$15015_2 = \chi_{40,1}$	1	.	.	.	1	.	.	.	.	.	1	.
$15015_3 = \chi_{41,0}$	1	.	.	.	.	1	.	.	.	.	.	.
$15015_5 = \chi_{42,0}$	2	.	.	.	.	.	.	.	.	.	.	1
$16016_2 = \chi_{44,1}$	.	1	.	.	.	.	1	1	.	.	1	.
$20384_2 = \chi_{45,1}$	1	2	1	.	.	1	1	.	.	.	.	.
$21021_1 = \chi_{46,0}$	2	1	1	.	.	.	.	1	1	.	1	1
$21021_4 = \chi_{47,1}$	1	.	.	1	.	.	.	.	.	.	.	.
$21021_6 = \chi_{48,1}$	.	.	.	.	.	.	.	.	.	.	1	.
$21450_1 = \chi_{49,0}$	2	2	1	.	.	.	1	1	.	1	1	1
$21450_3 = \chi_{50,0}$	2	.	.	.	.	.	.	.	.	.	1	1
$23296_1 = \chi_{51,0}$	4	.	.	1	1	.	.	.	1	1	1	1

(Block 1:)	$\varphi_{16,0}$	$\varphi_{17,1}$	$\varphi_{21,0}$	$\varphi_{23,0}$	$\varphi_{24,1}$	$\varphi_{25,1}$	$\varphi_{26,1}$	$\varphi_{28,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.	.
$13_2 = \chi_{2,1}$	.	.	.	.	.	.	.	.
$77_2 = \chi_{3,1}$	.	.	.	.	.	.	.	.
$273_1 = \chi_{5,0}$	.	.	.	.	.	.	.	.
$286_1 = \chi_{6,0}$	.	.	.	.	.	.	.	.
$429_2 = \chi_{7,1}$	.	.	.	.	.	.	.	.
$560_1 = \chi_{8,0}$	.	.	.	.	.	.	.	.
$637_2 = \chi_{9,1}$	.	.	.	.	.	.	.	.
$715_2 = \chi_{10,1}$	.	.	.	.	.	.	.	.
$1001_2 = \chi_{11,1}$	.	.	.	.	.	.	.	.
$1001_3 = \chi_{12,0}$	.	.	.	.	.	.	.	.
$1365_2 = \chi_{14,1}$	.	.	.	.	.	.	.	.
$1716_1 = \chi_{15,0}$	.	.	.	.	.	.	.	.
$2002_1 = \chi_{16,0}$	.	.	.	.	.	.	.	.
$4576_1 = \chi_{19,0}$	1	.	.	.	.	.	.	.
$4928_2 = \chi_{22,1}$	.	1	.	.	.	.	.	.
$6006_1 = \chi_{24,0}$	1	.	.	.	.	.	.	.
$6006_4 = \chi_{25,1}$	.	1	.	.	.	.	.	.
$6006_5 = \chi_{26,0}$	1	.	.	.	.	.	.	.
$7007_1 = \chi_{28,0}$	.	.	1	.	.	.	.	.
$7007_3 = \chi_{29,0}$	1	.	.	.	.	.	.	.
$7007_5 = \chi_{30,0}$	1	.	.	.	.	.	.	.
$7644_1 = \chi_{31,0}$	.	.	.	1	.	.	.	.
$8085_1 = \chi_{32,0}$	.	.	.	1	.	.	.	.
$12012_3 = \chi_{35,0}$	.	1	.	1	.	.	.	.
$13650_1 = \chi_{36,0}$	1	.	1	.	.	.	.	.
$14014_2 = \chi_{37,1}$	.	.	.	.	.	.	1	.
$14014_4 = \chi_{38,1}$	.	1	.	.	1	.	.	.
$14014_5 = \chi_{39,0}$	.	.	.	.	.	1	.	.
$15015_2 = \chi_{40,1}$	.	.	.	.	.	.	1	.
$15015_3 = \chi_{41,0}$	.	.	1	.	1	.	.	.
$15015_5 = \chi_{42,0}$	.	.	1	1	.	.	.	.
$16016_2 = \chi_{44,1}$	.	.	.	.	.	.	1	.
$20384_2 = \chi_{45,1}$	.	.	.	.	1	1	.	.
$21021_1 = \chi_{46,0}$	1	1	.	1	.	.	.	.
$21021_4 = \chi_{47,1}$	.	.	.	.	.	.	.	1
$21021_6 = \chi_{48,1}$	.	.	.	.	1	1	.	.
$21450_1 = \chi_{49,0}$	1	.	.	.	.	1	.	.
$21450_3 = \chi_{50,0}$	.	.	.	1	.	1	.	.
$23296_1 = \chi_{51,0}$	1	.	1	1	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{2,1}$	$\varphi_{3,1}$	$\varphi_{5,0}$	$\varphi_{6,0}$	$\varphi_{7,1}$	$\varphi_{8,1}$	$\varphi_{9,1}$	$\varphi_{10,0}$	$\varphi_{12,0}$	$\varphi_{13,0}$	$\varphi_{15,0}$
$24960_2 = \chi_{52,1}$	.	.	.	.	.	.	.	.	.	.	.	.
$28028_1 = \chi_{55,0}$	4	1	.	1	1	.	.	.	1	1	1	1
$35035_1 = \chi_{61,0}$	3	1	1	.	1	.	.	.	.	1	1	1
$35035_4 = \chi_{62,1}$	2	1	.	1	1	.	1	.	.	1	1	.
$36608_2 = \chi_{63,1}$	1	1	.	1	1	.	1	.	.	.	1	.
$42042_2 = \chi_{64,1}$	1	2	1	.	.	1	2	1	.	.	1	.
$47775_2 = \chi_{66,1}$	1	2	1	.	.	1	1	1	.	.	1	.
$48048_1 = \chi_{67,0}$	4	2	1	.	.	1	1	1	1	1	1	1
$48048_4 = \chi_{68,1}$	2	2	1	1	.	.	1	1	.	.	1	1
$50050_2 = \chi_{69,1}$	2	1	.	1	1	1	1	1	.	.	2	.
$64064_2 = \chi_{71,1}$	4	1	1	1	1	1	1	.	.	1	1	1

(Block 1:)	$\varphi_{16,0}$	$\varphi_{17,1}$	$\varphi_{21,0}$	$\varphi_{23,0}$	$\varphi_{24,1}$	$\varphi_{25,1}$	$\varphi_{26,1}$	$\varphi_{28,1}$
$24960_2 = \chi_{52,1}$	.	1	.	.	.	.	.	1
$28028_1 = \chi_{55,0}$	1	.	.	1	.	1	.	.
$35035_1 = \chi_{61,0}$	1	.	1	.	1	1	.	.
$35035_4 = \chi_{62,1}$	.	.	.	.	.	1	.	1
$36608_2 = \chi_{63,1}$	.	.	.	.	.	.	1	1
$42042_2 = \chi_{64,1}$	.	1	.	.	.	.	1	1
$47775_2 = \chi_{66,1}$	.	1	.	.	1	1	.	1
$48048_1 = \chi_{67,0}$	1	1	1	1	1	1	.	.
$48048_4 = \chi_{68,1}$	.	1	.	1	.	1	.	1
$50050_2 = \chi_{69,1}$	.	1	.	1	.	.	1	1
$64064_2 = \chi_{71,1}$	.	1	1	1	1	1	.	1

$$\begin{array}{ll}
\varphi_{1,0} & = 1_1 \\
\varphi_{2,1} & = 13_2 \\
\varphi_{3,1} & = 64_2 \\
\varphi_{5,0} & = 273_1 \\
\varphi_{6,0} & = 286_1 \\
\varphi_{7,1} & = 428_2 \\
\varphi_{8,1} & = 560_2 \\
\varphi_{9,1} & = 715_2 \\
\varphi_{10,0} & = 1000_1 \\
\varphi_{12,0} & = 1442_1 \\
\varphi_{13,0} & = 1716_1 \\
\varphi_{15,0} & = 3367_1 \\
\varphi_{16,0} & = 3562_1 \\
\varphi_{17,1} & = 4213_2 \\
\varphi_{21,0} & = 5277_1 \\
\varphi_{23,0} & = 6369_1 \\
\varphi_{24,1} & = 9309_2 \\
\varphi_{25,1} & = 9996_2 \\
\varphi_{26,1} & = 13012_2 \\
\varphi_{28,1} & = 20747_2
\end{array}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{5,1}$	$\varphi_{6,1}$	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,1}$	$\varphi_{12,1}$	$\varphi_{13,1}$	$\varphi_{15,1}$
$1_2 = \chi_{1,1}$	1	.	.	.	.	.	.	.	.	.	.	.
$13_1 = \chi_{2,0}$	.	1	.	.	.	.	.	.	.	.	.	.
$77_1 = \chi_{3,0}$	.	1	1	.	.	.	.	.	.	.	.	.
$273_2 = \chi_{5,1}$	.	.	.	1	.	.	.	.	.	.	.	.
$286_2 = \chi_{6,1}$	.	.	.	.	1	.	.	.	.	.	.	.
$429_1 = \chi_{7,0}$	1	.	.	.	.	1	.	.	.	.	.	.
$560_2 = \chi_{8,1}$	1	.	.	1	1	.	.	.	.	.	.	.
$637_1 = \chi_{9,0}$	.	1	1	.	.	.	1	.	.	.	.	.
$715_1 = \chi_{10,0}$	.	.	.	.	.	.	.	1	.	.	.	.
$1001_1 = \chi_{11,0}$	.	1	.	.	.	1	1	.	.	.	.	.
$1001_4 = \chi_{12,1}$	1	.	.	.	.	.	.	.	1	.	.	.
$1365_1 = \chi_{14,0}$	.	2	1	.	.	.	1	1	.	.	.	.
$1716_2 = \chi_{15,1}$	.	.	.	.	.	.	.	.	.	.	1	.
$2002_2 = \chi_{16,1}$	1	.	.	1	1	.	.	.	.	1	.	.
$4576_2 = \chi_{19,1}$	1	1	.	.	.	.	.	.	1	.	.	.
$4928_1 = \chi_{22,0}$	.	.	.	.	.	.	.	1	.	.	.	.
$6006_2 = \chi_{24,1}$	2	.	.	.	.	.	.	.	1	1	.	.
$6006_3 = \chi_{25,0}$	.	2	1	.	.	1	1	1	.	.	.	.
$6006_6 = \chi_{26,1}$	.	1	.	.	.	.	.	1	.	.	1	.
$7007_2 = \chi_{28,1}$	2	.	.	.	1	.	.	.	.	1	.	.
$7007_4 = \chi_{29,1}$	1	.	.	.	1	.	.	.	.	1	1	.
$7007_6 = \chi_{30,1}$	1	1	1	.	.	.	.	.	.	.	.	1
$7644_2 = \chi_{31,1}$	2	.	.	1	.	.	.	.	1	.	.	.
$8085_2 = \chi_{32,1}$	.	.	.	.	.	.	.	.	.	.	1	.
$12012_4 = \chi_{35,1}$	2	.	.	.	.	1	.	.	1	.	.	.
$13650_2 = \chi_{36,1}$	2	.	.	.	.	.	.	.	.	1	.	1
$14014_1 = \chi_{37,0}$	1	1	.	.	.	1	1	.	.	.	.	.
$14014_3 = \chi_{38,0}$	.	.	1	.	.	1	.	.	.	.	.	.
$14014_6 = \chi_{39,1}$	1	2	1	.	.	.	1	.	.	.	.	1
$15015_1 = \chi_{40,0}$	1	.	.	.	1	.	.	.	.	.	1	.
$15015_4 = \chi_{41,1}$	1	.	.	.	.	1	.	.	.	.	.	.
$15015_6 = \chi_{42,1}$	2	.	.	.	.	.	.	.	.	.	.	1
$16016_1 = \chi_{44,0}$	.	1	.	.	.	.	1	1	.	.	1	.
$20384_1 = \chi_{45,0}$	1	2	1	.	.	1	1	.	.	.	.	.
$21021_2 = \chi_{46,1}$	2	1	1	.	.	.	.	1	1	.	1	1
$21021_3 = \chi_{47,0}$	1	.	.	1	.	.	.	.	.	.	.	.
$21021_5 = \chi_{48,0}$	.	.	.	.	.	.	.	.	.	.	1	.
$21450_2 = \chi_{49,1}$	2	2	1	.	.	.	1	1	.	1	1	1
$21450_4 = \chi_{50,1}$	2	.	.	.	.	.	.	.	.	.	1	1
$23296_2 = \chi_{51,1}$	4	.	.	1	1	.	.	.	1	1	1	1

(Block 2:)	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{21,1}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{25,0}$	$\varphi_{26,0}$	$\varphi_{28,0}$
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.	.
$13_1 = \chi_{2,0}$	.	.	.	.	.	.	.	.
$77_1 = \chi_{3,0}$	.	.	.	.	.	.	.	.
$273_2 = \chi_{5,1}$	.	.	.	.	.	.	.	.
$286_2 = \chi_{6,1}$	.	.	.	.	.	.	.	.
$429_1 = \chi_{7,0}$	.	.	.	.	.	.	.	.
$560_2 = \chi_{8,1}$	.	.	.	.	.	.	.	.
$637_1 = \chi_{9,0}$	.	.	.	.	.	.	.	.
$715_1 = \chi_{10,0}$	.	.	.	.	.	.	.	.
$1001_1 = \chi_{11,0}$	.	.	.	.	.	.	.	.
$1001_4 = \chi_{12,1}$	.	.	.	.	.	.	.	.
$1365_1 = \chi_{14,0}$	.	.	.	.	.	.	.	.
$1716_2 = \chi_{15,1}$	.	.	.	.	.	.	.	.
$2002_2 = \chi_{16,1}$	.	.	.	.	.	.	.	.
$4576_2 = \chi_{19,1}$	1	.	.	.	.	.	.	.
$4928_1 = \chi_{22,0}$	.	1	.	.	.	.	.	.
$6006_2 = \chi_{24,1}$	1	.	.	.	.	.	.	.
$6006_3 = \chi_{25,0}$	.	1	.	.	.	.	.	.
$6006_6 = \chi_{26,1}$	1	.	.	.	.	.	.	.
$7007_2 = \chi_{28,1}$	.	.	1	.	.	.	.	.
$7007_4 = \chi_{29,1}$	1	.	.	.	.	.	.	.
$7007_6 = \chi_{30,1}$	1	.	.	.	.	.	.	.
$7644_2 = \chi_{31,1}$	.	.	.	1	.	.	.	.
$8085_2 = \chi_{32,1}$	.	.	.	1	.	.	.	.
$12012_4 = \chi_{35,1}$	.	1	.	1	.	.	.	.
$13650_2 = \chi_{36,1}$	1	.	1	.	.	.	.	.
$14014_1 = \chi_{37,0}$	.	.	.	.	.	.	1	.
$14014_3 = \chi_{38,0}$	.	1	.	.	1	.	.	.
$14014_6 = \chi_{39,1}$	.	.	.	.	.	1	.	.
$15015_1 = \chi_{40,0}$	.	.	.	.	.	.	1	.
$15015_4 = \chi_{41,1}$	.	.	1	.	1	.	.	.
$15015_6 = \chi_{42,1}$	.	.	1	1	.	.	.	.
$16016_1 = \chi_{44,0}$	.	.	.	.	.	.	1	.
$20384_1 = \chi_{45,0}$	.	.	.	.	1	1	.	.
$21021_2 = \chi_{46,1}$	1	1	.	1	.	.	.	.
$21021_3 = \chi_{47,0}$	.	.	.	.	.	.	.	1
$21021_5 = \chi_{48,0}$	.	.	.	.	1	1	.	.
$21450_2 = \chi_{49,1}$	1	.	.	.	.	1	.	.
$21450_4 = \chi_{50,1}$	.	.	.	1	.	1	.	.
$23296_2 = \chi_{51,1}$	1	.	1	1	.	.	.	.

(Block 2:)	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{3,0}$	$\varphi_{5,1}$	$\varphi_{6,1}$	$\varphi_{7,0}$	$\varphi_{8,0}$	$\varphi_{9,0}$	$\varphi_{10,1}$	$\varphi_{12,1}$	$\varphi_{13,1}$	$\varphi_{15,1}$
$24960_1 = \chi_{52,0}$	.	.	.	.	.	.	.	.	.	.	.	.
$28028_2 = \chi_{55,1}$	4	1	.	1	1	.	.	.	1	1	1	1
$35035_2 = \chi_{61,1}$	3	1	1	.	1	.	.	.	.	1	1	1
$35035_3 = \chi_{62,0}$	2	1	.	1	1	.	1	.	.	1	1	.
$36608_1 = \chi_{63,0}$	1	1	.	1	1	.	1	.	.	.	1	.
$42042_1 = \chi_{64,0}$	1	2	1	.	.	1	2	1	.	.	1	.
$47775_1 = \chi_{66,0}$	1	2	1	.	.	1	1	1	.	.	1	.
$48048_2 = \chi_{67,1}$	4	2	1	.	.	1	1	1	1	1	1	1
$48048_3 = \chi_{68,0}$	2	2	1	1	.	.	1	1	.	.	1	1
$50050_1 = \chi_{69,0}$	2	1	.	1	1	1	1	1	.	.	2	.
$64064_1 = \chi_{71,0}$	4	1	1	1	1	1	1	.	.	1	1	1

(Block 2:)	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{21,1}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{25,0}$	$\varphi_{26,0}$	$\varphi_{28,0}$
$24960_1 = \chi_{52,0}$	.	1	.	.	.	.	.	1
$28028_2 = \chi_{55,1}$	1	.	.	1	.	1	.	.
$35035_2 = \chi_{61,1}$	1	.	1	.	1	1	.	.
$35035_3 = \chi_{62,0}$	.	.	.	.	.	1	.	1
$36608_1 = \chi_{63,0}$	.	.	.	.	.	.	1	1
$42042_1 = \chi_{64,0}$	.	1	.	.	.	.	1	1
$47775_1 = \chi_{66,0}$	.	1	.	.	1	1	.	1
$48048_2 = \chi_{67,1}$	1	1	1	1	1	1	.	.
$48048_3 = \chi_{68,0}$	.	1	.	1	.	1	.	1
$50050_1 = \chi_{69,0}$	.	1	.	1	.	.	1	1
$64064_1 = \chi_{71,0}$	.	1	1	1	1	1	.	1

$$\begin{array}{ll}
\varphi_{1,1} & = 1_2 \\
\varphi_{2,0} & = 13_1 \\
\varphi_{3,0} & = 64_1 \\
\varphi_{5,1} & = 273_2 \\
\varphi_{6,1} & = 286_2 \\
\varphi_{7,0} & = 428_1 \\
\varphi_{8,0} & = 560_1 \\
\varphi_{9,0} & = 715_1 \\
\varphi_{10,1} & = 1000_2 \\
\varphi_{12,1} & = 1442_2 \\
\varphi_{13,1} & = 1716_2 \\
\varphi_{15,1} & = 3367_2 \\
\varphi_{16,1} & = 3562_2 \\
\varphi_{17,0} & = 4213_1 \\
\varphi_{21,1} & = 5277_2 \\
\varphi_{23,1} & = 6369_2 \\
\varphi_{24,0} & = 9309_1 \\
\varphi_{25,0} & = 9996_1 \\
\varphi_{26,0} & = 13012_1 \\
\varphi_{28,0} & = 20747_1
\end{array}$$

Block 3:	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{29,0}$	$\varphi_{29,1}$
$78_1 = \chi_{4,0}$	1	.	.	.	.	.	.	.	.	.
$78_2 = \chi_{4,1}$	.	1	.	.	.	.	.	.	.	.
$1287_1 = \chi_{13,0}$	.	.	1	.	.	.	.	.	.	.
$1287_2 = \chi_{13,1}$	.	.	.	1	.	.	.	.	.	.
$4368_1 = \chi_{18,0}$	1	.	.	.	1	.	.	.	.	.
$4368_2 = \chi_{18,1}$	.	1	.	.	.	1	.	.	.	.
$5733_1 = \chi_{23,0}$	2	.	1	.	1	.	.	.	.	.
$5733_2 = \chi_{23,1}$	.	2	.	1	.	1	.	.	.	.
$6435_1 = \chi_{27,0}$	.	1	.	.	.	.	1	.	.	.
$6435_2 = \chi_{27,1}$	1	.	.	.	.	.	.	1	.	.
$9009_1 = \chi_{33,0}$	.	1	1	1	.	.	1	.	.	.
$9009_2 = \chi_{33,1}$	1	.	1	1	.	.	.	1	.	.
$12012_1 = \chi_{34,0}$	1	.	1	.	1	.	1	.	.	.
$12012_2 = \chi_{34,1}$	.	1	.	1	.	1	.	1	.	.
$28665_1 = \chi_{56,0}$	.	.	.	.	.	.	.	.	1	.
$28665_2 = \chi_{56,1}$	.	.	.	.	.	.	.	.	.	1
$42042_3 = \chi_{65,0}$	1	1	1	1	1	.	1	.	1	.
$42042_4 = \chi_{65,1}$	1	1	1	1	.	1	.	1	.	1
$59904_1 = \chi_{57+}$	.	.	1	1	.	.	.	.	1	1
$63063_1 = \chi_{70,0}$	2	.	1	.	1	.	.	.	1	1
$63063_2 = \chi_{70,1}$	.	2	.	1	.	1	.	.	1	1
$68640_1 = \chi_{59+}$	1	1	1	1	1	1	.	.	1	1

$$\begin{aligned}
\varphi_{4,0} &= 78_1 & \varphi_{18,1} &= 4290_2 \\
\varphi_{4,1} &= 78_2 & \varphi_{22,0} &= 6357_1 \\
\varphi_{11,0} &= 1287_1 & \varphi_{22,1} &= 6357_2 \\
\varphi_{11,1} &= 1287_2 & \varphi_{29,0} &= 28665_1 \\
\varphi_{18,0} &= 4290_1 & \varphi_{29,1} &= 28665_2
\end{aligned}$$

Block 4:	$\varphi_{14,0}$	$\varphi_{14,1}$	φ_{19+}	$\varphi_{27,0}$	$\varphi_{27,1}$	
$2079_1 = \chi_{17,0}$	1	.	.	.	.	
$2079_2 = \chi_{17,1}$	.	1	.	.	.	$\varphi_{14,0} = 2079_1$
$9504_1 = \chi_{20+}$	.	.	1	.	.	$\varphi_{14,1} = 2079_2$
$15444_1 = \chi_{43,0}$	.	.	.	1	.	$\varphi_{19+} = 9504_1$
$15444_2 = \chi_{43,1}$	.	.	.	.	1	$\varphi_{27,0} = 15444_1$
$27027_1 = \chi_{53,0}$	1	.	1	1	.	$\varphi_{27,1} = 15444_2$
$27027_2 = \chi_{53,1}$	.	1	1	.	1	
$27027_3 = \chi_{54,0}$	.	1	1	1	.	
$27027_4 = \chi_{54,1}$	1	.	1	.	1	