

$M^c L.2 \pmod{3}$

	blocks	defect	matrix
3.G :	1	7	48×17
	2	1	3×2
	3	1	3×1

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$	φ_{7+}
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$22_1 = \chi_{2,0}$	.	1	1	.	.	.	.	.	.	.	.	.	.
$22_2 = \chi_{2,1}$	1	.	.	1	.	.	.	.	.	.	.	.	.
$231_1 = \chi_{3,0}$	.	.	1	.	.	.	.	.	1	.	.	.	.
$231_2 = \chi_{3,1}$	.	.	.	1	.	.	.	.	.	1	.	.	.
$252_1 = \chi_{4,0}$	2	.	1	1	1	.	1	.	.	.	.	.	.
$252_2 = \chi_{4,1}$	.	2	1	1	.	1	.	1	.	.	.	.	.
$1540_1 = \chi_{5+}$	.	.	.	.	.	.	.	.	1	1	1	1	.
$896_1 = \chi_{7,0}$	1	.	1	.	1	.	.	.	1	.	1	.	.
$896_2 = \chi_{7,1}$	.	1	.	1	.	1	.	.	.	1	.	1	.
$896_3 = \chi_{8,0}$	1	.	1	.	.	.	1	.	1	.	.	1	.
$896_4 = \chi_{8,1}$	.	1	.	1	.	.	.	1	.	1	1	.	.
$1750_1 = \chi_{9,0}$	2	.	1	1	1	.	1	.	.	.	.	.	.
$1750_2 = \chi_{9,1}$	.	2	1	1	.	1	.	1	.	.	.	.	.
$3520_1 = \chi_{10,0}$	2	1	1	2	1	1	1	1	1	1	1	1	.
$3520_2 = \chi_{10,1}$	1	2	2	1	1	1	1	1	1	1	1	1	.
$3520_3 = \chi_{11,0}$	1	1	.	.	.	1	1	.	1	1	1	2	1
$3520_4 = \chi_{11,1}$	1	1	.	.	1	.	.	1	1	1	2	1	1
$4500_1 = \chi_{12,0}$	2	2	1	1	1	1	1	1	1	.	1	1	1
$4500_2 = \chi_{12,1}$	2	2	1	1	1	1	1	1	.	1	1	1	1
$4752_1 = \chi_{13,0}$	2	2	1	1	1	1	1	1	2	2	2	2	1
$4752_2 = \chi_{13,1}$	2	2	1	1	1	1	1	1	2	2	2	2	1
$5544_1 = \chi_{15,0}$	2	.	.	.	1	.	1	.	1	.	1	1	1
$5544_2 = \chi_{15,1}$	.	2	.	.	.	1	.	1	.	1	1	1	1
$16500_1 = \chi_{18+}$	4	4	3	3	2	2	2	2	3	3	4	4	1
$9625_1 = \chi_{20,0}$	3	2	4	2	2	1	2	1	3	1	2	2	.
$9625_2 = \chi_{20,1}$	2	3	2	4	1	2	1	2	1	3	2	2	.
$19712_1 = \chi_{21+}$	6	6	4	4	3	3	3	3	4	4	5	5	2
$20790_1 = \chi_{23+}$	6	6	3	3	3	3	3	3	4	4	6	6	2
$252_3 = \chi_{25+}$	1	1	1	1	1	1	.	.	.	.	.	.	.
$252_4 = \chi_{26+}$	1	1	1	1	.	.	1	1	.	.	.	.	.
$1584_1 = \chi_{27+}$	1	1	1	1	.	.	.	.	1	1	1	1	.
$3960_1 = \chi_{28+}$	2	2	.	.	1	1	1	1	.	.	1	1	2
$4752_3 = \chi_{29+}$	2	2	1	1	1	1	1	1	2	2	2	2	1
$4752_4 = \chi_{30+}$	2	2	1	1	1	1	1	1	2	2	2	2	1
$5040_1 = \chi_{31+}$	2	2	2	2	1	1	1	1	1	1	1	1	.
$5040_2 = \chi_{32+}$	2	2	2	2	1	1	1	1	1	1	1	1	.
$5544_3 = \chi_{33+}$	4	4	4	4	2	2	2	2	1	1	1	1	.
$9504_1 = \chi_{34+}$	4	4	2	2	2	2	2	2	4	4	4	4	2

(Block 1:)	$\varphi_{9,0}$	$\varphi_{9,1}$	$\varphi_{10,0}$	$\varphi_{10,1}$
$1_1 = \chi_{1,0}$	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.
$22_1 = \chi_{2,0}$	.	.	.	.
$22_2 = \chi_{2,1}$	.	.	.	.
$231_1 = \chi_{3,0}$	.	.	.	.
$231_2 = \chi_{3,1}$	.	.	.	.
$252_1 = \chi_{4,0}$	.	.	.	.
$252_2 = \chi_{4,1}$	.	.	.	.
$1540_1 = \chi_{5+}$	.	.	.	.
$896_1 = \chi_{7,0}$	.	.	.	.
$896_2 = \chi_{7,1}$	.	.	.	.
$896_3 = \chi_{8,0}$	.	.	.	.
$896_4 = \chi_{8,1}$	.	.	.	.
$1750_1 = \chi_{9,0}$	1	.	.	.
$1750_2 = \chi_{9,1}$	.	1	.	.
$3520_1 = \chi_{10,0}$	.	1	.	.
$3520_2 = \chi_{10,1}$	1	.	.	.
$3520_3 = \chi_{11,0}$	.	.	.	.
$3520_4 = \chi_{11,1}$	.	.	.	.
$4500_1 = \chi_{12,0}$	.	1	.	.
$4500_2 = \chi_{12,1}$	1	.	.	.
$4752_1 = \chi_{13,0}$	.	.	.	.
$4752_2 = \chi_{13,1}$	.	.	.	.
$5544_1 = \chi_{15,0}$	.	.	1	.
$5544_2 = \chi_{15,1}$	.	.	.	1
$16500_1 = \chi_{18+}$	1	1	1	1
$9625_1 = \chi_{20,0}$	1	1	1	.
$9625_2 = \chi_{20,1}$	1	1	.	1
$19712_1 = \chi_{21+}$	1	1	1	1
$20790_1 = \chi_{23+}$	1	1	1	1
$252_3 = \chi_{25+}$	.	.	.	.
$252_4 = \chi_{26+}$	.	.	.	.
$1584_1 = \chi_{27+}$	.	.	.	.
$3960_1 = \chi_{28+}$	.	.	.	.
$4752_3 = \chi_{29+}$	.	.	.	.
$4752_4 = \chi_{30+}$	.	.	.	.
$5040_1 = \chi_{31+}$	1	1	.	.
$5040_2 = \chi_{32+}$	1	1	.	.
$5544_3 = \chi_{33+}$	1	1	.	.
$9504_1 = \chi_{34+}$	.	.	.	.

(Block 1:)	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$	φ_{7+}
$12672_1 = \chi_{36+}$	4	4	4	4	2	2	2	2	2	2	2	2	.
$12672_2 = \chi_{37+}$	3	3	1	1	1	1	1	1	2	2	3	3	2
$15750_1 = \chi_{38+}$	3	3	4	4	2	2	2	2	4	4	4	4	.
$16128_1 = \chi_{41+}$	4	4	2	2	2	2	2	2	2	2	3	3	2
$20790_2 = \chi_{42+}$	6	6	3	3	3	3	3	3	4	4	6	6	2
$20790_3 = \chi_{43+}$	6	6	3	3	3	3	3	3	4	4	6	6	2
$20790_4 = \chi_{44+}$	6	6	3	3	3	3	3	3	4	4	6	6	2
$24750_1 = \chi_{45+}$	7	7	6	6	4	4	4	4	5	5	6	6	2

(Block 1:)	$\varphi_{9,0}$	$\varphi_{9,1}$	$\varphi_{10,0}$	$\varphi_{10,1}$
$12672_1 = \chi_{36+}$	1	1	1	1
$12672_2 = \chi_{37+}$	.	.	1	1
$15750_1 = \chi_{38+}$	1	1	1	1
$16128_1 = \chi_{41+}$	1	1	1	1
$20790_2 = \chi_{42+}$	1	1	1	1
$20790_3 = \chi_{43+}$	1	1	1	1
$20790_4 = \chi_{44+}$	1	1	1	1
$24750_1 = \chi_{45+}$	2	2	1	1

$$\begin{aligned}
\varphi_{1,0} &= 1_1 \\
\varphi_{1,1} &= 1_2 \\
\varphi_{2,0} &= 21_1 \\
\varphi_{2,1} &= 21_2 \\
\varphi_{3,0} &= 104_1 \\
\varphi_{3,1} &= 104_2 \\
\varphi_{4,0} &= 104_3 \\
\varphi_{4,1} &= 104_4 \\
\varphi_{5,0} &= 210_1 \\
\varphi_{5,1} &= 210_2 \\
\varphi_{6,0} &= 560_1 \\
\varphi_{6,1} &= 560_2 \\
\varphi_{7+} &= 1210_1 \\
\varphi_{9,0} &= 1498_1 \\
\varphi_{9,1} &= 1498_2 \\
\varphi_{10,0} &= 2794_1 \\
\varphi_{10,1} &= 2794_2
\end{aligned}$$

Block 2 ₁ , 2 ₂ :	$\varphi_{11,0}$	$\varphi_{11,1}$
$5103_1 = \chi_{14,0}$	1	.
$5103_2 = \chi_{14,1}$	.	1
$10206_1 = \chi_{35+}$	1	1

$$\begin{aligned}
\varphi_{11,0} &= 5103_1 \\
\varphi_{11,1} &= 5103_2
\end{aligned}$$

Block 3:	φ_{12+}
$16038_1 = \chi_{16+}$	1
$16038_2 = \chi_{39+}$	1
$16038_3 = \chi_{40+}$	1

$$\varphi_{12+} = 16038_1$$