

$$L_3(8).6 \pmod{2}$$

	blocks	defect	matrix
$G :$	1	10	35×17
	2	1	2×1
	3	1	2×1
	$4 = \overline{3}$	1	2×1

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	φ_{2+}	$\varphi_{8,0+}$	φ_{11+}	φ_{17+}	φ_{23+}	φ_{29+}	$\varphi_{35,0+}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.
$1_4 = \chi_{1,3}$	1	.	.	.	.	.	.	.	.	.
$1_5 = \chi_{1,4}$	.	1	.	.	.	.	.	.	.	.
$1_6 = \chi_{1,5}$	.	.	1	.	.	.	.	.	.	.
$72_1 = \chi_{2,0}$	.	.	.	1	.	.	.	.	.	1
$72_2 = \chi_{2,1}$	.	.	.	1	.	.	.	.	.	.
$72_3 = \chi_{2,2}$	.	.	.	1	.	.	.	.	.	.
$72_4 = \chi_{2,3}$	.	.	.	1	.	.	.	.	.	1
$72_5 = \chi_{2,4}$	.	.	.	1	.	.	.	.	.	.
$72_6 = \chi_{2,5}$	.	.	.	1	.	.	.	.	.	.
$438_1 = \chi_{3+}$	2	2	2	3	.	2	2	.	.	.
$2646_1 = \chi_{9+}$	2	2	2	7	2	4	4	.	2	.
$2646_2 = \chi_{15+}$	4	4	4	7	4	6	5	3	1	1
$2646_3 = \chi_{21+}$	4	4	4	7	4	5	4	2	2	1
$2646_4 = \chi_{27+}$	.	.	.	11	2	2	5	1	1	1
$511_1 = \chi_{33,0}$	1	.	.	1	1	1	1	1	.	1
$511_2 = \chi_{33,1}$	.	1	.	1	1	1	1	1	.	.
$511_3 = \chi_{33,2}$	.	.	1	1	1	1	1	1	.	.
$511_4 = \chi_{33,3}$	1	.	.	1	1	1	1	1	.	1
$511_5 = \chi_{33,4}$	.	1	.	1	1	1	1	1	.	.
$511_6 = \chi_{33,5}$	.	.	1	1	1	1	1	1	.	.
$1533_1 = \chi_{34,0+}$	1	1	1	6	1	1	2	1	1	1
$1533_2 = \chi_{34,1+}$	1	1	1	6	1	1	2	1	1	1
$3066_1 = \chi_{37+}$	2	2	2	10	6	6	6	2	2	1
$3066_2 = \chi_{43+}$	4	4	4	9	2	6	6	.	2	.
$3066_3 = \chi_{49+}$	6	6	6	7	4	7	4	3	2	1
$3066_4 = \chi_{55+}$	2	2	2	11	2	3	6	2	1	1
$3504_1 = \chi_{62+}$	2	2	2	10	4	5	6	.	2	.
$1314_1 = \chi_{68,0+}$	2	2	2	3	2	3	2	1	1	1
$1314_2 = \chi_{68,1+}$	2	2	2	3	2	3	2	1	1	.
$1314_3 = \chi_{68,2+}$	2	2	2	3	2	3	2	1	1	.
$1971_1 = \chi_{70,0+}$	1	1	1	6	2	2	3	2	1	1
$1971_2 = \chi_{70,1+}$	1	1	1	6	2	2	3	2	1	1

(Block 1:)	$\varphi_{35,1+}$	$\varphi_{35,2+}$	φ_{37+}	$\varphi_{43,0+}$	φ_{46+}	φ_{52+}	φ_{58+}
$1_1 = \chi_{1,0}$	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	.	.	.	.	.
$1_4 = \chi_{1,3}$	.	.	.	.	.	.	.
$1_5 = \chi_{1,4}$	.	.	.	.	.	.	.
$1_6 = \chi_{1,5}$	.	.	.	.	.	.	.
$72_1 = \chi_{2,0}$	.	.	.	.	.	.	.
$72_2 = \chi_{2,1}$	1	.	.	.	.	.	.
$72_3 = \chi_{2,2}$	.	1	.	.	.	.	.
$72_4 = \chi_{2,3}$	.	.	.	.	.	.	.
$72_5 = \chi_{2,4}$	1	.	.	.	.	.	.
$72_6 = \chi_{2,5}$	.	1	.	.	.	.	.
$438_1 = \chi_{3+}$	.	.	1	.	.	.	.
$2646_1 = \chi_{9+}$	.	.	1	.	.	1	1
$2646_2 = \chi_{15+}$	1	1	4	.	.	1	.
$2646_3 = \chi_{21+}$	1	1	2	.	1	1	.
$2646_4 = \chi_{27+}$	1	1	2	2	2	.	.
$511_1 = \chi_{33,0}$	.	.	1	.	.	.	.
$511_2 = \chi_{33,1}$	1	.	1	.	.	.	.
$511_3 = \chi_{33,2}$	.	1	1	.	.	.	.
$511_4 = \chi_{33,3}$	.	.	1	.	.	.	.
$511_5 = \chi_{33,4}$	1	.	1	.	.	.	.
$511_6 = \chi_{33,5}$	.	1	1	.	.	.	.
$1533_1 = \chi_{34,0+}$	1	1	1	1	1	.	.
$1533_2 = \chi_{34,1+}$	1	1	1	1	1	.	.
$3066_1 = \chi_{37+}$	1	1	3	.	1	1	.
$3066_2 = \chi_{43+}$	.	.	2	.	.	1	1
$3066_3 = \chi_{49+}$	1	1	3	.	.	2	.
$3066_4 = \chi_{55+}$	1	1	3	2	2	.	.
$3504_1 = \chi_{62+}$	.	.	2	.	1	1	1
$1314_1 = \chi_{68,0+}$	.	.	1	.	.	1	.
$1314_2 = \chi_{68,1+}$	1	.	1	.	.	1	.
$1314_3 = \chi_{68,2+}$	.	1	1	.	.	1	.
$1971_1 = \chi_{70,0+}$	1	1	2	1	1	.	.
$1971_2 = \chi_{70,1+}$	1	1	2	1	1	.	.

$$\begin{aligned}\varphi_{35,0+} &= 54_3 \\ \varphi_{35,1+} &= 54_4 \\ \varphi_{35,2+} &= 54_5 \\ \varphi_{37+} &= 162_1 \\ \varphi_{43,0+} &= 192_1 \\ \varphi_{46+} &= 432_1 \\ \varphi_{52+} &= 432_2 \\ \varphi_{58+} &= 1152_1\end{aligned}$$

$$\varphi_{64,0} = 512_1$$
$$\varphi_{64,1} = 512_2$$
$$\varphi_{64,2} = 512_3$$