

$L_3(8).2 \pmod{3}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	2	6×2		14	0	$882_7 = \chi_{21+}, \varphi_{21+}$
	2	2	6×2		15	0	$882_8 = \chi_{23+}, \varphi_{23+}$
	3	0	$72_1 = \chi_{2,0}, \varphi_{2,0}$		16	0	$882_9 = \chi_{25+}, \varphi_{25+}$
	4	0	$72_2 = \chi_{2,1}, \varphi_{2,1}$		17	0	$882_{10} = \chi_{27+}, \varphi_{27+}$
	5	2	6×2		18	0	$882_{11} = \chi_{29+}, \varphi_{29+}$
	6	2	6×2		19	0	$882_{12} = \chi_{31+}, \varphi_{31+}$
	7	2	6×2		20	0	$1314_1 = \chi_{68+}, \varphi_{40+}$
	8	0	$882_1 = \chi_{9+}, \varphi_{9+}$		21	0	$657_1 = \chi_{70,0}, \varphi_{42,0}$
	9	0	$882_2 = \chi_{11+}, \varphi_{11+}$		22	0	$657_2 = \chi_{70,1}, \varphi_{42,1}$
	10	0	$882_3 = \chi_{13+}, \varphi_{13+}$		23	0	$657_3 = \chi_{71,0}, \varphi_{43,0}$
	11	0	$882_4 = \chi_{15+}, \varphi_{15+}$		24	0	$657_4 = \chi_{71,1}, \varphi_{43,1}$
	12	0	$882_5 = \chi_{17+}, \varphi_{17+}$		25	0	$657_5 = \chi_{72,0}, \varphi_{44,0}$
	13	0	$882_6 = \chi_{19+}, \varphi_{19+}$		26	0	$657_6 = \chi_{72,1}, \varphi_{44,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{33,0}$
$1_1 = \chi_{1,0}$	1	.
$511_1 = \chi_{33,0}$	.	1
$511_3 = \chi_{34,0}$	.	1
$511_5 = \chi_{35,0}$	.	1
$511_7 = \chi_{36,0}$	.	1
$512_1 = \chi_{61,0}$	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{33,0} &= 511_1 \end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{33,1}$
$1_2 = \chi_{1,1}$	1	.
$511_2 = \chi_{33,1}$	.	1
$511_4 = \chi_{34,1}$	.	1
$511_6 = \chi_{35,1}$	.	1
$511_8 = \chi_{36,1}$	.	1
$512_2 = \chi_{61,1}$	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{33,1} &= 511_2 \end{aligned}$$

Block 5:	φ_{3+}	φ_{34+}		
$146_1 = \chi_{3+}$	1	.		
$1022_1 = \chi_{37+}$	.	1	$\varphi_{3+} =$	146_1
$1022_4 = \chi_{43+}$	.	1	$\varphi_{34+} =$	1022_1
$1022_9 = \chi_{53+}$	.	1		
$1022_{11} = \chi_{57+}$	.	1		
$1168_1 = \chi_{62+}$	1	1		

Block 6:	φ_{5+}	φ_{36+}		
$146_2 = \chi_{5+}$	1	.		
$1022_2 = \chi_{39+}$	.	1	$\varphi_{5+} =$	146_2
$1022_5 = \chi_{45+}$	.	1	$\varphi_{36+} =$	1022_2
$1022_7 = \chi_{49+}$	.	1		
$1022_{12} = \chi_{59+}$	.	1		
$1168_2 = \chi_{64+}$	1	1		

Block 7:	φ_{7+}	φ_{38+}		
$146_3 = \chi_{7+}$	1	.		
$1022_3 = \chi_{41+}$	.	1	$\varphi_{7+} =$	146_3
$1022_6 = \chi_{47+}$	.	1	$\varphi_{38+} =$	1022_3
$1022_8 = \chi_{51+}$	.	1		
$1022_{10} = \chi_{55+}$	.	1		
$1168_3 = \chi_{66+}$	1	1		