

$L_2(25).2_2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	1	3×2
	2	1	3×2
	3	1	3×2
	4	1	3×2
	5	0	$48_1 = \chi_{4+}, \varphi_{4+}$
	6	0	$48_2 = \chi_{6+}, \varphi_{6+}$
	7	0	$48_3 = \chi_{8+}, \varphi_{8+}$
	8	1	3×2

	blocks	defect	matrix
$2.G :$	9	0	$12_1 = \chi_{16,0}, \varphi_{12,0}$
	10	0	$12_2 = \chi_{16,1}, \varphi_{12,1}$
	11	0	$12_3 = \chi_{17,0}, \varphi_{13,0}$
	$12 = \overline{11}$	0	$12_4 = \chi_{17,1}, \varphi_{13,1}$
	13	0	$48_4 = \chi_{18+}, \varphi_{14+}$
	14	0	$48_5 = \chi_{20+}, \varphi_{16+}$
	15	0	$48_6 = \chi_{22+}, \varphi_{18+}$
	16	1	3×1

Block 1:	$\varphi_{1,0}$	$\varphi_{10,1}$
$1_1 = \chi_{1,0}$	1	.
$25_2 = \chi_{10,1}$	.	1
$26_2 = \chi_{11,1}$	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{10,1} &= 25_2 \end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{10,0}$
$1_2 = \chi_{1,1}$	1	.
$25_1 = \chi_{10,0}$	.	1
$26_1 = \chi_{11,0}$	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{10,0} &= 25_1 \end{aligned}$$

Block 3:	$\varphi_{2,0}$	$\varphi_{3,1}$
$13_1 = \chi_{2,0}$	1	.
$13_4 = \chi_{3,1}$	.	1
$26_6 = \chi_{13,1}$	1	1

$$\begin{aligned} \varphi_{2,0} &= 13_1 \\ \varphi_{3,1} &= 13_4 \end{aligned}$$

Block 4:	$\varphi_{2,1}$	$\varphi_{3,0}$
$13_2 = \chi_{2,1}$	1	.
$13_3 = \chi_{3,0}$	.	1
$26_5 = \chi_{13,0}$	1	1

$$\begin{aligned} \varphi_{2,1} &= 13_2 \\ \varphi_{3,0} &= 13_3 \end{aligned}$$

Block 8:	$\varphi_{11,0}$	$\varphi_{11,1}$
$26_3 = \chi_{12,0}$	1	.
$26_4 = \chi_{12,1}$	.	1
$52_1 = \chi_{14+}$	1	1

$$\begin{aligned} \varphi_{11,0} &= 26_1 \\ \varphi_{11,1} &= 26_2 \end{aligned}$$

Block 16:	φ_{20+}
$52_2 = \chi_{24+}$	1
$52_3 = \chi_{26+}$	1
$52_4 = \chi_{28+}$	1

$$\varphi_{20+} = 52_1$$