

$L_2(49).2_2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	1	3×2
	2	1	3×2
	3	1	3×2
	4	1	3×2
	5	0	$96_1 = \chi_{4+}, \varphi_{4+}$
	6	0	$96_2 = \chi_{6+}, \varphi_{6+}$
	7	0	$96_3 = \chi_{8+}, \varphi_{8+}$
	8	0	$96_4 = \chi_{10+}, \varphi_{10+}$
	9	0	$96_5 = \chi_{12+}, \varphi_{12+}$
	10	0	$96_6 = \chi_{14+}, \varphi_{14+}$
	11	1	3×2
	12	1	3×2
	13	1	3×2

	blocks	defect	matrix
$2.G :$	14	0	$24_1 = \chi_{28,0}, \varphi_{20,0}$
	$15 = \overline{14}$	0	$24_2 = \chi_{28,1}, \varphi_{20,1}$
	16	0	$24_3 = \chi_{29,0}, \varphi_{21,0}$
	17	0	$24_4 = \chi_{29,1}, \varphi_{21,1}$
	18	0	$96_7 = \chi_{30+}, \varphi_{22+}$
	19	0	$96_8 = \chi_{32+}, \varphi_{24+}$
	20	0	$96_9 = \chi_{34+}, \varphi_{26+}$
	21	0	$96_{10} = \chi_{36+}, \varphi_{28+}$
	22	0	$96_{11} = \chi_{38+}, \varphi_{30+}$
	23	0	$96_{12} = \chi_{40+}, \varphi_{32+}$
	24	1	3×1
	25	1	3×1

Block 1:	$\varphi_{1,0}$	$\varphi_{16,0}$
$1_1 = \chi_{1,0}$	1	.
$49_1 = \chi_{16,0}$	.	1
$50_1 = \chi_{17,0}$	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{16,0} &= 49_1 \end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{16,1}$
$1_2 = \chi_{1,1}$	1	.
$49_2 = \chi_{16,1}$	.	1
$50_2 = \chi_{17,1}$	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{16,1} &= 49_2 \end{aligned}$$

Block 3:	$\varphi_{2,0}$	$\varphi_{3,1}$
$25_1 = \chi_{2,0}$	1	.
$25_4 = \chi_{3,1}$	.	1
$50_5 = \chi_{19,0}$	1	1

$$\begin{aligned} \varphi_{2,0} &= 25_1 \\ \varphi_{3,1} &= 25_4 \end{aligned}$$

Block 4:	$\varphi_{2,1}$	$\varphi_{3,0}$
$25_2 = \chi_{2,1}$	1	.
$25_3 = \chi_{3,0}$	.	1
$50_6 = \chi_{19,1}$	1	1

$$\begin{aligned} \varphi_{2,1} &= 25_2 \\ \varphi_{3,0} &= 25_3 \end{aligned}$$

Block 11:	$\varphi_{17,0}$	$\varphi_{17,1}$		
$50_3 = \chi_{18,0}$	1	.	$\varphi_{17,0} =$	50_1
$50_4 = \chi_{18,1}$	.	1	$\varphi_{17,1} =$	50_2
$100_1 = \chi_{22+}$	1	1		

Block 12:	$\varphi_{19,0}$	$\varphi_{19,1}$		
$50_7 = \chi_{20,0}$	1	.	$\varphi_{19,0} =$	50_5
$50_8 = \chi_{20,1}$	.	1	$\varphi_{19,1} =$	50_6
$100_3 = \chi_{26+}$	1	1		

Block 13:	$\varphi_{18,0}$	$\varphi_{18,1}$		
$50_9 = \chi_{21,0}$	1	.	$\varphi_{18,0} =$	50_3
$50_{10} = \chi_{21,1}$	.	1	$\varphi_{18,1} =$	50_4
$100_2 = \chi_{24+}$	1	1		

Block 24:	φ_{34+}		
$100_4 = \chi_{42+}$	1	$\varphi_{34+} =$	100_1
$100_6 = \chi_{46+}$	1		
$100_8 = \chi_{50+}$	1		

Block 25:	φ_{36+}		
$100_5 = \chi_{44+}$	1	$\varphi_{36+} =$	100_2
$100_7 = \chi_{48+}$	1		
$100_9 = \chi_{52+}$	1		