

$L_3(5).2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	1	3×2
	2	1	3×2
	3	0	$30_1 = \chi_{2,0}, \varphi_{2,0}$
	4	0	$30_2 = \chi_{2,1}, \varphi_{2,1}$
	5	1	3×2
	6	1	3×2
	7	1	3×2
	8	0	$192_1 = \chi_{6+}, \varphi_{6+}$

	blocks	defect	matrix
	9	0	$192_2 = \chi_{8+}, \varphi_{8+}$
	10	0	$192_3 = \chi_{10+}, \varphi_{10+}$
	11	0	$192_4 = \chi_{12+}, \varphi_{12+}$
	12	0	$192_5 = \chi_{14+}, \varphi_{14+}$
	13	1	3×1
	14	0	$186_1 = \chi_{30,0}, \varphi_{22,0}$
	15	0	$186_2 = \chi_{30,1}, \varphi_{22,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{17,0}$
$1_1 = \chi_{1,0}$	1	.
$124_3 = \chi_{17,0}$	.	1
$125_1 = \chi_{26,0}$	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{17,0} &= 124_3 \end{aligned}$$

Block 2:	$\varphi_{1,1}$	$\varphi_{17,1}$
$1_2 = \chi_{1,1}$	1	.
$124_4 = \chi_{17,1}$	.	1
$125_2 = \chi_{26,1}$	1	1

$$\begin{aligned} \varphi_{1,1} &= 1_2 \\ \varphi_{17,1} &= 124_4 \end{aligned}$$

Block 5:	$\varphi_{3,0}$	$\varphi_{16,0}$
$31_1 = \chi_{3,0}$	1	.
$124_1 = \chi_{16,0}$	.	1
$155_1 = \chi_{27,0}$	1	1

$$\begin{aligned} \varphi_{3,0} &= 31_1 \\ \varphi_{16,0} &= 124_1 \end{aligned}$$

Block 6:	$\varphi_{3,1}$	$\varphi_{16,1}$
$31_2 = \chi_{3,1}$	1	.
$124_2 = \chi_{16,1}$	.	1
$155_2 = \chi_{27,1}$	1	1

$$\begin{aligned} \varphi_{3,1} &= 31_2 \\ \varphi_{16,1} &= 124_2 \end{aligned}$$

Block 7:	φ_{4+}	φ_{18+}
$62_1 = \chi_{4+}$	1	.
$248_1 = \chi_{18+}$	.	1
$310_1 = \chi_{28+}$	1	1

$$\begin{aligned} \varphi_{4+} &= 62_1 \\ \varphi_{18+} &= 248_1 \end{aligned}$$

Block 13:	φ_{20+}
$248_2 = \chi_{20+}$	1
$248_3 = \chi_{22+}$	1
$248_4 = \chi_{24+}$	1

$$\varphi_{20+} = 248_2$$