

$L_2(13) \pmod{3}$

	blocks	defect	matrix
$G :$	1	1	3×2
	2	1	3×2
	3	0	$12_1 = \chi_4, \varphi_4$
	4	0	$12_2 = \chi_5, \varphi_5$
	5	0	$12_3 = \chi_6, \varphi_6$
$2.G :$	6	0	$6_1 = \chi_{10}, \varphi_8$

	blocks	defect	matrix
	7	0	$6_2 = \chi_{11}, \varphi_9$
	8	0	$12_4 = \chi_{12}, \varphi_{10}$
	9	0	$12_5 = \chi_{13}, \varphi_{11}$
	10	0	$12_6 = \chi_{14}, \varphi_{12}$
	11	1	3×1

Block 1:	φ_1	φ_7
$1_1 = \chi_1$	1	.
$13_1 = \chi_7$.	1
$14_1 = \chi_8$	1	1

$$\begin{aligned} \varphi_1 &= 1_1 \\ \varphi_7 &= 13_1 \end{aligned}$$

Block 2:	φ_2	φ_3
$7_1 = \chi_2$	1	.
$7_2 = \chi_3$.	1
$14_2 = \chi_9$	1	1

$$\begin{aligned} \varphi_2 &= 7_1 \\ \varphi_3 &= 7_2 \end{aligned}$$

Block 11:	φ_{13}
$14_3 = \chi_{15}$	1
$14_4 = \chi_{16}$	1
$14_5 = \chi_{17}$	1

$$\varphi_{13} = 14_1$$