$L_2(29)$ (mod 3)

	blocks	defect	matrix
$G:$	1	1	3×2
	2	0	$15_1 = \chi_2, \varphi_2$
	3	0	$15_2 = \chi_3, \varphi_3$
	4	1	3×1
	5	1	3×1
	6	0	$30_1 = \chi_{12}, \varphi_7$
	7	0	$30_2 = \chi_{13}, \varphi_8$
	8	0	$30_3 = \chi_{14}, \varphi_9$
	9	0	$30_4 = \chi_{15}, \varphi_{10}$
	10	0	$30_5 = \chi_{16}, \varphi_{11}$
	11	0	$30_6 = \chi_{17}, \varphi_{12}$

	blocks	defect	matrix
$2.G:$	12	1	3×2
	13	1	3×1
	14	1	3×1
	15	0	$30_7 = \chi_{27}, \varphi_{17}$
	16	0	$30_8 = \chi_{28}, \varphi_{18}$
	17	0	$30_9 = \chi_{29}, \varphi_{19}$
	18	0	$30_{10} = \chi_{30}, \varphi_{20}$
	19	0	$30_{11} = \chi_{31}, \varphi_{21}$
	20	0	$30_{12} = \chi_{32}, \varphi_{22}$
	21	0	$30_{13} = \chi_{33}, \varphi_{23}$

Block 1:	φ_1	φ_4
$1_1 = \chi_1$	1	.
$28_1 = \chi_4$	.	1
$29_1 = \chi_{11}$	1	1

$\varphi_1 = 1_1$
$\varphi_4 = 28_1$

Block 4:	φ_5
$28_2 = \chi_5$	1
$28_4 = \chi_7$	1
$28_6 = \chi_9$	1

$\varphi_5 = 28_2$

Block 5:	φ_6
$28_3 = \chi_6$	1
$28_5 = \chi_8$	1
$28_7 = \chi_{10}$	1

$\varphi_6 = 28_3$

Block 12:	φ_{13}	φ_{14}
$14_1 = \chi_{18}$	1	.
$14_2 = \chi_{19}$	.	1
$28_8 = \chi_{20}$	1	1

$\varphi_{13} = 14_1$
$\varphi_{14} = 14_2$

Block 13:	φ_{15}
$28_9 = \chi_{21}$	1
$28_{11} = \chi_{23}$	1
$28_{13} = \chi_{25}$	1

$$\varphi_{15} = 28_4$$

Block 14:	φ_{16}
$28_{10} = \chi_{22}$	1
$28_{12} = \chi_{24}$	1
$28_{14} = \chi_{26}$	1

$$\varphi_{16} = 28_5$$