

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

	blocks	defect	matrix
$G:$	1	4	8×3
	2	0	$16_1 = \chi_4, \varphi_3$
	$3 = \overline{2}$	0	$16_2 = \chi_5, \varphi_4$
	4	0	$16_3 = \chi_6, \varphi_5$
	$5 = \overline{4}$	0	$16_4 = \chi_7, \varphi_6$

Block 1:	φ_1	φ_2	φ_7	
$1_1 = \chi_1$	1	.	.	$\varphi_1 = 1_1$ $\varphi_2 = 12_1$ $\varphi_7 = 26_1$
$12_1 = \chi_2$	.	1	.	
$13_1 = \chi_3$	1	1	.	
$26_1 = \chi_8$	.	.	1	
$26_2 = \chi_9$	.	.	1	
$26_3 = \chi_{10}$	.	.	1	
$27_1 = \chi_{11}$	1	.	1	
$39_1 = \chi_{12}$	1	1	1	