

$L_3(2) \pmod{7}$

	blocks	defect	matrix
$G :$	1 2	1 0	5×3 $7_1 = \chi_5, \varphi_4$
$2.G :$	3	1	5×3

Block 1:	φ_1	φ_2	φ_3	
$1_1 = \chi_1$	1	.	.	$\varphi_1 = 1_1$
$3_1 = \chi_2$	.	1	.	$\varphi_2 = 3_1$
$3_2 = \chi_3$	.	1	.	$\varphi_3 = 5_1$
$6_1 = \chi_4$	1	.	1	
$8_1 = \chi_6$	.	1	1	

Block 3:	φ_5	φ_6	φ_7	
$4_1 = \chi_7$	.	1	.	$\varphi_5 = 2_1$
$4_2 = \chi_8$	.	1	.	$\varphi_6 = 4_1$
$6_2 = \chi_9$	.	.	1	$\varphi_7 = 6_1$
$6_3 = \chi_{10}$	1	1	.	
$8_2 = \chi_{11}$	1	.	1	