

$L_2(8) \pmod{7}$

	blocks	defect	matrix
$G :$	1	1	5×2
	2	0	$7_1 = \chi_2, \varphi_2$
	3	0	$7_2 = \chi_3, \varphi_3$
	4	0	$7_3 = \chi_4, \varphi_4$
	5	0	$7_4 = \chi_5, \varphi_5$

Block 1:	φ_1	φ_6	
$1_1 = \chi_1$	1	.	$\varphi_1 = 1_1$
$8_1 = \chi_6$.	1	
$9_1 = \chi_7$	1	1	$\varphi_6 = 8_1$
$9_2 = \chi_8$	1	1	
$9_3 = \chi_9$	1	1	