

$L_2(25).2_3 \pmod{2}$

	blocks	defect	matrix
$G :$	1	4	7×2
	2	0	$48_1 = \chi_{4+}, \varphi_{4+}$
	3	0	$48_2 = \chi_{6+}, \varphi_{6+}$
	4	0	$48_3 = \chi_{8+}, \varphi_{8+}$
	5	3	5×1

Block 1:	$\varphi_{1,0}$	φ_{2+}	
$1_1 = \chi_{1,0}$	1	.	$\varphi_{1,0} = 1_1$
$1_2 = \chi_{1,1}$	1	.	
$26_1 = \chi_{2+}$	2	1	$\varphi_{2+} = 24_1$
$25_1 = \chi_{10,0}$	1	1	
$25_2 = \chi_{10,1}$	1	1	
$26_4 = \chi_{12,0}$	2	1	
$26_5 = \chi_{12,1}$	2	1	

Block 5:	$\varphi_{10,0}$	
$26_2 = \chi_{11,0}$	1	$\varphi_{10,0} = 26_1$
$26_3 = \chi_{11,1}$	1	
$26_6 = \chi_{13,0}$	1	
$26_7 = \chi_{13,1}$	1	
$52_1 = \chi_{14+}$	2	