

$L_2(27).3 \pmod{13}$

	blocks	defect	matrix
$G :$	1	1	8×6
	2	0	$13_1 = \chi_{2,0}, \varphi_{2,0}$
	3	0	$13_2 = \chi_{2,1}, \varphi_{2,1}$
	4	0	$13_3 = \chi_{2,2}, \varphi_{2,2}$
	$5 = \bar{2}$	0	$13_4 = \chi_{3,0}, \varphi_{3,0}$
	$6 = \bar{4}$	0	$13_5 = \chi_{3,1}, \varphi_{3,1}$
	$7 = \bar{3}$	0	$13_6 = \chi_{3,2}, \varphi_{3,2}$
	8	0	$78_1 = \chi_{4+}, \varphi_{4+}$

	blocks	defect	matrix
	9	0	$78_2 = \chi_{7+}, \varphi_{7+}$
$2.G :$	10	1	8×6
	11	0	$26_1 = \chi_{19,0}, \varphi_{13,0}$
	12	0	$26_2 = \chi_{19,1}, \varphi_{13,1}$
	$13 = \bar{12}$	0	$26_3 = \chi_{19,2}, \varphi_{13,2}$
	14	0	$78_3 = \chi_{20+}, \varphi_{14+}$
	15	0	$78_4 = \chi_{23+}, \varphi_{17+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{10,2}$	
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	$\varphi_{1,0} = 1_1$
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	$\varphi_{1,1} = 1_2$
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	$\varphi_{1,2} = 1_3$
$27_1 = \chi_{10,0}$	.	.	.	1	.	.	$\varphi_{10,0} = 27_1$
$27_2 = \chi_{10,1}$	.	.	.	.	1	.	$\varphi_{10,1} = 27_2$
$27_3 = \chi_{10,2}$	.	.	.	.	.	1	$\varphi_{10,2} = 27_3$
$84_1 = \chi_{11+}$	1	1	1	1	1	1	
$84_2 = \chi_{14+}$	1	1	1	1	1	1	

Block 10:	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{12,2}$	
$14_1 = \chi_{17,0}$	1	.	.	.	.	.	$\varphi_{11,0} = 14_1$
$14_2 = \chi_{17,1}$	.	1	.	.	.	.	$\varphi_{11,1} = 14_2$
$14_3 = \chi_{17,2}$	.	.	1	.	.	.	$\varphi_{11,2} = 14_3$
$14_4 = \chi_{18,0}$	.	.	.	1	.	.	$\varphi_{12,0} = 14_4$
$14_5 = \chi_{18,1}$	.	.	.	.	1	.	$\varphi_{12,1} = 14_5$
$14_6 = \chi_{18,2}$	.	.	.	.	.	1	$\varphi_{12,2} = 14_6$
$84_3 = \chi_{26+}$	1	1	1	1	1	1	
$84_4 = \chi_{29+}$	1	1	1	1	1	1	