$L_2(27).6 \quad \pmod{13}$

	blocks	defect	matrix
$G:$	1	1	8×6
	2	1	8×6
	3	0	$26_1 = \chi_{2,0+}, \varphi_{2,0+}$
	4	0	$26_2 = \chi_{2,1+}, \varphi_{2,1+}$
	$5 = \overline{4}$	0	$26_3 = \chi_{2,2+}, \varphi_{2,2+}$
	6	0	$78_1 = \chi_{4,0+}, \varphi_{4,0+}$
	7	0	$78_2 = \chi_{4,1+}, \varphi_{4,1+}$
	8	0	$78_3 = \chi_{7,0+}, \varphi_{7,0+}$
	9	0	$78_4 = \chi_{7,1+}, \varphi_{7,1+}$
$2.G:$	10	1	7×3

	blocks	defect	matrix
	11	0	$26_4 = \chi_{19,0}, \varphi_{13,0}$
	12	0	$26_5 = \chi_{19,1}, \varphi_{13,1}$
	13	0	$26_6 = \chi_{19,2}, \varphi_{13,2}$
	14	0	$26_7 = \chi_{19,3}, \varphi_{13,3}$
	$15 = \overline{13}$	0	$26_8 = \chi_{19,4}, \varphi_{13,4}$
	$16 = \overline{12}$	0	$26_9 = \chi_{19,5}, \varphi_{13,5}$
	17	0	$78_5 = \chi_{20,0+}, \varphi_{14,0+}$
	18	0	$78_6 = \chi_{20,1+}, \varphi_{14,1+}$
	19	0	$78_7 = \chi_{23,0+}, \varphi_{17,0+}$
	20	0	$78_8 = \chi_{23,1+}, \varphi_{17,1+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,2}$	$\varphi_{1,4}$	$\varphi_{10,0}$	$\varphi_{10,2}$	$\varphi_{10,4}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	1	.	.	.	.
$1_5 = \chi_{1,4}$	.	.	1	.	.	.
$27_1 = \chi_{10,0}$	.	.	.	1	.	.
$27_3 = \chi_{10,2}$	.	.	.	.	1	.
$27_5 = \chi_{10,4}$	.	.	.	.	.	1
$84_1 = \chi_{11,0+}$	1	1	1	1	1	1
$84_3 = \chi_{14,0+}$	1	1	1	1	1	1

$\varphi_{1,0} = 1_1$
$\varphi_{1,2} = 1_3$
$\varphi_{1,4} = 1_5$
$\varphi_{10,0} = 27_1$
$\varphi_{10,2} = 27_3$
$\varphi_{10,4} = 27_5$

Block 2:	$\varphi_{1,1}$	$\varphi_{1,3}$	$\varphi_{1,5}$	$\varphi_{10,1}$	$\varphi_{10,3}$	$\varphi_{10,5}$
$1_2 = \chi_{1,1}$	1	.	.	.	.	.
$1_4 = \chi_{1,3}$	.	1	.	.	.	.
$1_6 = \chi_{1,5}$	.	.	1	.	.	.
$27_2 = \chi_{10,1}$	.	.	.	1	.	.
$27_4 = \chi_{10,3}$	.	.	.	.	1	.
$27_6 = \chi_{10,5}$	.	.	.	.	.	1
$84_2 = \chi_{11,1+}$	1	1	1	1	1	1
$84_4 = \chi_{14,1+}$	1	1	1	1	1	1

$\varphi_{1,1} = 1_2$
$\varphi_{1,3} = 1_4$
$\varphi_{1,5} = 1_6$
$\varphi_{10,1} = 27_2$
$\varphi_{10,3} = 27_4$
$\varphi_{10,5} = 27_6$

Block 10:	$\varphi_{11,0+}$	$\varphi_{11,1+}$	$\varphi_{11,2+}$
$28_1 = \chi_{17,0+}$	1	.	.
$28_2 = \chi_{17,1+}$	.	1	.
$28_3 = \chi_{17,2+}$	.	.	1
$84_5 = \chi_{26,0+}$	1	1	1
$84_6 = \chi_{26,1+}$	1	1	1
$84_7 = \chi_{29,0+}$	1	1	1
$84_8 = \chi_{29,1+}$	1	1	1

$$\begin{aligned} \varphi_{11,0+} &= 28_1 \\ \varphi_{11,1+} &= 28_2 \\ \varphi_{11,2+} &= 28_3 \end{aligned}$$