

$L_2(8) \pmod{2}$

	blocks	defect	matrix
$G :$	1 2	3 0	8×7 $\delta_1 = \chi_6, \varphi_8$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7
$1_1 = \chi_1$	1
$7_1 = \chi_2$	1	1	1	1	.	.	.
$7_2 = \chi_3$	1	.	1	.	.	.	1
$7_3 = \chi_4$	1	.	.	1	1	.	.
$7_4 = \chi_5$	1	1	.	.	.	1	.
$9_1 = \chi_7$	1	1	1	.	.	.	1
$9_2 = \chi_8$	1	.	1	1	1	.	.
$9_3 = \chi_9$	1	1	.	1	.	1	.

$$\begin{aligned}
 \varphi_1 &= 1_1 \\
 \varphi_2 &= 2_1 \\
 \varphi_3 &= 2_2 \\
 \varphi_4 &= 2_3 \\
 \varphi_5 &= 4_1 \\
 \varphi_6 &= 4_2 \\
 \varphi_7 &= 4_3
 \end{aligned}$$