

$L_5(2) \pmod{2}$

	blocks	defect	matrix
$G :$	1 2	10 0	26×15 $1024_1 = \chi_{26}, \varphi_{16}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_9	φ_{10}	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{15}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$30_1 = \chi_2$	.	1	1	1	1	.	.	.	.	.	.	.	.	.	.
$124_1 = \chi_3$	.	.	.	1	1	1	.	.	1	1	.	.	.	.	.
$155_1 = \chi_4$	1	1	1	2	2	1	.	.	1	1	.	.	.	.	.
$217_1 = \chi_5$	3	2	2	2	2	.	.	.	1	1	1	.	.	.	.
$280_1 = \chi_6$	2	2	2	.	.	1	1	1	1	1	1	.	.	.	.
$315_1 = \chi_7$	.	1	.	2	1	.	.	.	.	.	.	.	.	1	.
$315_2 = \chi_8$	.	.	1	1	2	.	.	.	.	.	.	.	.	.	1
$315_3 = \chi_9$	1	2	2	1	1	.	.	.	.	1	1	.	1	.	.
$315_4 = \chi_{10}$	1	2	2	1	1	.	.	.	1	.	1	1	.	.	.
$315_5 = \chi_{11}$	1	.	2	.	.	1	1	.	1	1	.	1	.	.	.
$315_6 = \chi_{12}$	1	2	.	.	.	1	.	1	1	1	.	.	1	.	.
$465_1 = \chi_{13}$	2	2	3	1	1	1	1	.	2	1	1	1	.	.	.
$465_2 = \chi_{14}$	2	3	2	1	1	1	.	1	1	2	1	.	1	.	.
$465_3 = \chi_{15}$	2	2	3	1	1	1	1	.	2	1	1	1	.	.	.
$465_4 = \chi_{16}$	2	3	2	1	1	1	.	1	1	2	1	.	1	.	.
$496_1 = \chi_{17}$	2	2	2	.	.	.	.	.	1	1	1	1	1	.	.
$651_1 = \chi_{18}$	3	3	3	2	2	1	.	.	2	2	1	1	1	.	.
$651_2 = \chi_{19}$	2	2	3	2	1	.	1	.	1	.	1	1	.	1	.
$651_3 = \chi_{20}$	2	3	2	1	2	.	.	1	.	1	1	.	1	.	1
$868_1 = \chi_{21}$	2	4	4	2	2	3	1	1	3	3	1	1	1	.	.
$930_1 = \chi_{22}$	4	5	5	2	2	2	1	1	3	3	2	1	1	.	.
$930_2 = \chi_{23}$	2	3	3	3	1	1	1	.	2	1	1	1	1	1	.
$930_3 = \chi_{24}$	2	3	3	1	3	1	.	1	1	2	1	1	1	.	1
$960_1 = \chi_{25}$	.	2	2	3	3	.	.	.	.	.	.	1	1	1	1
$1240_1 = \chi_{27}$	2	4	4	3	3	1	1	1	1	1	1	1	1	1	1

$$\begin{array}{ll}
 \varphi_1 = 1_1 & \varphi_9 = 40_3 \\
 \varphi_2 = 5_1 & \varphi_{10} = 40_4 \\
 \varphi_3 = 5_2 & \varphi_{11} = 74_1 \\
 \varphi_4 = 10_1 & \varphi_{12} = 160_1 \\
 \varphi_5 = 10_2 & \varphi_{13} = 160_2 \\
 \varphi_6 = 24_1 & \varphi_{14} = 280_1 \\
 \varphi_7 = 40_1 & \varphi_{15} = 280_2 \\
 \varphi_8 = 40_2 &
 \end{array}$$