

$$L_3(5) \pmod{2}$$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	5	12×3		$7 = \overline{6}$	0	$96_6 = \chi_{11}, \varphi_8$
	2	0	$96_1 = \chi_6, \varphi_3$		8	0	$96_7 = \chi_{12}, \varphi_9$
	$3 = \overline{2}$	0	$96_2 = \chi_7, \varphi_4$		$9 = \overline{8}$	0	$96_8 = \chi_{13}, \varphi_{10}$
	4	0	$96_3 = \chi_8, \varphi_5$		10	0	$96_9 = \chi_{14}, \varphi_{11}$
	$5 = \overline{4}$	0	$96_4 = \chi_9, \varphi_6$		$11 = \overline{10}$	0	$96_{10} = \chi_{15}, \varphi_{12}$
	6	0	$96_5 = \chi_{10}, \varphi_7$		12	3	8×1

Block 1:	φ_1	φ_2	φ_{14}	
$1_1 = \chi_1$	1	.	.	$\begin{aligned} \varphi_1 &= 1_1 \\ \varphi_2 &= 30_1 \\ \varphi_{14} &= 124_2 \end{aligned}$
$30_1 = \chi_2$	.	1	.	
$31_1 = \chi_3$	1	1	.	
$31_2 = \chi_4$	1	1	.	
$31_3 = \chi_5$	1	1	.	
$124_5 = \chi_{20}$	.	.	1	
$124_6 = \chi_{21}$	.	.	1	
$125_1 = \chi_{26}$	1	.	1	
$155_1 = \chi_{27}$	1	1	1	
$155_2 = \chi_{28}$	1	1	1	
$155_3 = \chi_{29}$	1	1	1	
$186_1 = \chi_{30}$	2	2	1	

Block 12:	φ_{13}	
$124_1 = \chi_{16}$	1	$\varphi_{13} = 124_1$
$124_2 = \chi_{17}$	1	
$124_3 = \chi_{18}$	1	
$124_4 = \chi_{19}$	1	
$124_7 = \chi_{22}$	1	
$124_8 = \chi_{23}$	1	
$124_9 = \chi_{24}$	1	
$124_{10} = \chi_{25}$	1	