

$L_5(2) \pmod{3}$

	blocks	defect	matrix
$G :$	1	2	9×5
	2	1	3×2
	3	0	$315_1 = \chi_7, \varphi_6$
	$4 = \bar{3}$	0	$315_2 = \chi_8, \varphi_7$
	5	0	$315_3 = \chi_9, \varphi_8$
	$6 = \bar{5}$	0	$315_4 = \chi_{10}, \varphi_9$

	blocks	defect	matrix
	7	0	$315_5 = \chi_{11}, \varphi_{10}$
	$8 = \bar{7}$	0	$315_6 = \chi_{12}, \varphi_{11}$
	9	1	3×2
	$10 = \bar{9}$	1	3×2
	11	1	3×1

Block 1:	φ_1	φ_3	φ_4	φ_5	φ_{17}	
$1_1 = \chi_1$	1	.	.	.	.
$124_1 = \chi_3$	.	1	.	.	.	$\varphi_1 = 1_1$
$155_1 = \chi_4$	.	.	1	.	.	$\varphi_3 = 124_1$
$217_1 = \chi_5$	.	.	.	1	.	$\varphi_4 = 155_1$
$280_1 = \chi_6$	1	1	1	.	.	$\varphi_5 = 217_1$
$496_1 = \chi_{17}$	.	1	1	1	.	$\varphi_{17} = 868_1$
$868_1 = \chi_{21}$	.	.	.	.	1	
$1024_1 = \chi_{26}$	1	.	1	.	1	
$1240_1 = \chi_{27}$	.	.	1	1	1	

Block 2:	φ_2	φ_{18}	
$30_1 = \chi_2$	1	.	$\varphi_2 = 30_1$
$930_1 = \chi_{22}$	.	1	$\varphi_{18} = 930_1$
$960_1 = \chi_{25}$	1	1	

Block 9:	φ_{12}	φ_{14}	
$465_1 = \chi_{13}$	1	.	$\varphi_{12} = 465_1$
$465_3 = \chi_{15}$	.	1	$\varphi_{14} = 465_3$
$930_2 = \chi_{23}$	1	1	

Block 10:	φ_{13}	φ_{15}	
$465_2 = \chi_{14}$	1	.	$\varphi_{13} = 465_2$
$465_4 = \chi_{16}$	.	1	$\varphi_{15} = 465_4$
$930_3 = \chi_{24}$	1	1	

Block 11:	φ_{16}
$651_1 = \chi_{18}$	1
$651_2 = \chi_{19}$	1
$651_3 = \chi_{20}$	1

$$\varphi_{16} = 651_1$$