

$L_3(5) \pmod{5}$

	blocks	defect	matrix
$G :$	1 2	3 0	29×24 $125_1 = \chi_{26}, \varphi_{25}$

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}	φ_{16}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
$30_1 = \chi_2$	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	.
$31_1 = \chi_3$	.	.	.	1	1	.	.	.	.	.	.	.	.	.	1	.
$31_2 = \chi_4$	.	.	1	.	.	.	1	.	.	.	.	.	.	1	.	.
$31_3 = \chi_5$	.	1	.	.	.	.	.	1	.	.	.	.	1	.	.	.
$96_1 = \chi_6$	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$96_2 = \chi_7$	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$96_3 = \chi_8$	1	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.
$96_4 = \chi_9$	1	.	.	.	1	.	.	.	.	.	1	.	.	.	.	1
$96_5 = \chi_{10}$	.	1	1	1	.	1	.	.	.	.	.	.	1	.	1	.
$96_6 = \chi_{11}$	.	1	1	.	1	1	.	.	.	.	.	.	.	1	1	.
$96_7 = \chi_{12}$	.	1	.	.	.	.	.	.	1	.	.	1	.	.	.	.
$96_8 = \chi_{13}$	.	.	1	.	.	.	.	.	.	1	1	.	.	.	.	.
$96_9 = \chi_{14}$	.	.	.	.	.	1	1	.	.	.	.	.	.	1	.	.
$96_{10} = \chi_{15}$	.	.	.	.	.	1	.	1	.	.	.	.	1	.	.	.
$124_1 = \chi_{16}$	1	.	.	.	.	.	.	.	1	1	1	1	.	.	.	.
$124_2 = \chi_{17}$	1	1	1	1	1	1	.	.	.	.	.	.	.	.	1	.
$124_3 = \chi_{18}$	.	.	1	.	1	1	1	.	.	.	.	.	.	1	1	.
$124_4 = \chi_{19}$	.	1	.	1	.	1	.	1	.	.	.	.	1	.	1	.
$124_5 = \chi_{20}$	.	.	1	.	1	1	.	.	.	.	1	.	.	1	.	1
$124_6 = \chi_{21}$	.	1	.	1	.	1	.	.	.	.	.	1	1	.	.	.
$124_7 = \chi_{22}$	1	1	1	.	.	.	.	.	.	.	1	.	.	.	.	.
$124_8 = \chi_{23}$	1	1	1	.	.	.	.	.	.	.	.	1	.	.	.	.
$124_9 = \chi_{24}$	.	.	.	1	.	.	.	1	.	.	.	.	1	.	.	.
$124_{10} = \chi_{25}$	.	.	.	.	1	.	1	.	.	.	.	.	.	1	.	.
$155_1 = \chi_{27}$	.	.	.	.	.	2	.	.	.	.	.	.	.	.	1	.
$155_2 = \chi_{28}$	.	.	.	.	2	.	.	.	.	.	.	.	.	1	.	1
$155_3 = \chi_{29}$	.	.	.	2	.	.	.	.	.	.	.	.	1	.	.	.
$186_1 = \chi_{30}$	1	1	1	.	.	1	.	.	.	.	1	1	.	.	.	.

(Block 1:)	φ_{17}	φ_{18}	φ_{19}	φ_{20}	φ_{21}	φ_{22}	φ_{23}	φ_{24}	
$1_1 = \chi_1$	.	.	.	.	.	.	.	.	$\varphi_1 = 1_1$
$30_1 = \chi_2$	.	.	.	.	.	.	.	.	$\varphi_2 = 3_1$
$31_1 = \chi_3$	.	.	.	.	.	.	.	.	$\varphi_3 = 3_2$
$31_2 = \chi_4$	.	.	.	.	.	.	.	.	$\varphi_4 = 6_1$
$31_3 = \chi_5$	.	.	.	.	.	.	.	.	$\varphi_5 = 6_2$
$96_1 = \chi_6$	.	.	.	.	.	.	1	.	$\varphi_6 = 8_1$
$96_2 = \chi_7$	.	.	.	.	.	.	.	1	$\varphi_7 = 10_1$
$96_3 = \chi_8$	1	1	.	.	.	.	.	.	$\varphi_8 = 10_2$
$96_4 = \chi_9$	.	.	1	.	.	.	.	.	$\varphi_9 = 15_1$
$96_5 = \chi_{10}$	.	1	.	.	.	.	.	.	$\varphi_{10} = 15_2$
$96_6 = \chi_{11}$	.	.	1	.	.	.	.	.	$\varphi_{11} = 15_3$
$96_7 = \chi_{12}$	.	.	.	.	.	1	.	.	$\varphi_{12} = 15_4$
$96_8 = \chi_{13}$	.	.	.	.	.	1	.	.	$\varphi_{13} = 18_1$
$96_9 = \chi_{14}$	.	.	.	1	.	.	.	.	$\varphi_{14} = 18_2$
$96_{10} = \chi_{15}$	.	.	.	.	1	.	.	.	$\varphi_{15} = 19_1$
$124_1 = \chi_{16}$	.	.	.	.	.	1	.	.	$\varphi_{16} = 35_1$
$124_2 = \chi_{17}$	.	1	1	.	.	.	.	.	$\varphi_{17} = 35_2$
$124_3 = \chi_{18}$	.	.	.	1	.	.	.	.	$\varphi_{18} = 39_1$
$124_4 = \chi_{19}$	.	.	.	.	1	.	.	.	$\varphi_{19} = 39_2$
$124_5 = \chi_{20}$	.	.	1	.	.	.	.	.	$\varphi_{20} = 60_1$
$124_6 = \chi_{21}$	1	1	.	.	.	.	.	.	$\varphi_{21} = 60_2$
$124_7 = \chi_{22}$	.	.	1	.	.	1	.	.	$\varphi_{22} = 63_1$
$124_8 = \chi_{23}$	.	1	.	.	.	1	.	.	$\varphi_{23} = 90_1$
$124_9 = \chi_{24}$	.	.	.	.	.	.	1	.	$\varphi_{24} = 90_2$
$124_{10} = \chi_{25}$	.	.	.	.	.	.	.	1	
$155_1 = \chi_{27}$	.	.	.	1	1	.	.	.	
$155_2 = \chi_{28}$	.	.	.	.	.	.	.	1	
$155_3 = \chi_{29}$	1	.	.	.	.	.	1	.	
$186_1 = \chi_{30}$	.	1	1	.	.	1	.	.	