

$L_3(4).3 \pmod{3}$

	blocks	defect	matrix
$3.G :$	1	4	24×3
	2	2	9×1
	$3 = \bar{2}$	2	9×1
	4	2	9×1
	5	2	9×1

Block 1:	$\varphi_{1,0}$	φ_{2+}	$\varphi_{5,0}$	
$1_1 = \chi_{1,0}$	1	.	.	
$1_2 = \chi_{1,1}$	1	.	.	
$1_3 = \chi_{1,2}$	1	.	.	
$20_1 = \chi_{2,0}$	1	.	1	
$20_2 = \chi_{2,1}$	1	.	1	
$20_3 = \chi_{2,2}$	1	.	1	
$105_1 = \chi_{3+}$	3	1	3	
$64_1 = \chi_{10,0}$	.	1	1	
$64_2 = \chi_{10,1}$	.	1	1	
$64_3 = \chi_{10,2}$	.	1	1	
$45_7 = \chi_{32+}$	.	1	.	$\varphi_{1,0} = 1_1$
$45_8 = \chi_{32+2+}$	.	1	.	$\varphi_{2+} = 45_1$
$21_1 = \chi_{35,0}$	2	.	1	$\varphi_{5,0} = 19_1$
$21_2 = \chi_{35,1}$	2	.	1	
$21_3 = \chi_{35,2}$	2	.	1	
$21_4 = \chi_{35,0}^{*2}$	2	.	1	
$21_5 = \chi_{35,1}^{*2}$	2	.	1	
$21_6 = \chi_{35,2}^{*2}$	2	.	1	
$84_1 = \chi_{40,0}$	1	1	2	
$84_2 = \chi_{40,1}$	1	1	2	
$84_3 = \chi_{40,2}$	1	1	2	
$84_4 = \chi_{40,0}^{*2}$	1	1	2	
$84_5 = \chi_{40,1}^{*2}$	1	1	2	
$84_6 = \chi_{40,2}^{*2}$	1	1	2	

Block 2:	$\varphi_{6,0}$	
$45_1 = \chi_{6,0}$	1	
$45_2 = \chi_{6,1}$	1	
$45_3 = \chi_{6,2}$	1	
$45_9 = \chi_{36,0}$	1	$\varphi_{6,0} = 45_2$
$45_{10} = \chi_{36,1}$	1	
$45_{11} = \chi_{36,2}$	1	
$45_{12} = \chi_{36,0}^{*8}$	1	
$45_{13} = \chi_{36,1}^{*8}$	1	
$45_{14} = \chi_{36,2}^{*8}$	1	

Block 3:	$\varphi_{7,0}$	
$45_4 = \chi_{7,0}$	1	
$45_5 = \chi_{7,1}$	1	
$45_6 = \chi_{7,2}$	1	
$45_{15} = \chi_{37,0}$	1	$\varphi_{7,0} = 45_3$
$45_{16} = \chi_{37,1}$	1	
$45_{17} = \chi_{37,2}$	1	
$45_{18} = \chi_{37,0}^{*8}$	1	
$45_{19} = \chi_{37,1}^{*8}$	1	
$45_{20} = \chi_{37,2}^{*8}$	1	

Block 4:	$\varphi_{8,0}$	
$63_1 = \chi_{8,0}$	1	
$63_2 = \chi_{8,1}$	1	
$63_3 = \chi_{8,2}$	1	
$63_7 = \chi_{38,0}$	1	$\varphi_{8,0} = 63_1$
$63_8 = \chi_{38,1}$	1	
$63_9 = \chi_{38,2}$	1	
$63_{10} = \chi_{38,0}^{*11}$	1	
$63_{11} = \chi_{38,1}^{*11}$	1	
$63_{12} = \chi_{38,2}^{*11}$	1	

Block 5:	$\varphi_{9,0}$
$63_4 = \chi_{9,0}$	1
$63_5 = \chi_{9,1}$	1
$63_6 = \chi_{9,2}$	1
$63_{13} = \chi_{39,0}$	1
$63_{14} = \chi_{39,1}$	1
$63_{15} = \chi_{39,2}$	1
$63_{16} = \chi_{39,0}^{*11}$	1
$63_{17} = \chi_{39,1}^{*11}$	1
$63_{18} = \chi_{39,2}^{*11}$	1

$$\varphi_{9,0} = 63_2$$