

$L_2(27).3 \pmod{3}$

	blocks	defect	matrix
$G :$	1 2	4 1	13×5 3×1
$2.G :$	3	4	13×5

Block 1:	$\varphi_{1,0}$	φ_{2+}	φ_{5+}	φ_{8+}	φ_{11+}	
$1_1 = \chi_{1,0}$	1	.	.	.	.	
$1_2 = \chi_{1,1}$	1	.	.	.	.	
$1_3 = \chi_{1,2}$	1	.	.	.	.	
$13_1 = \chi_{2,0}$	1	.	1	.	.	$\varphi_{1,0} = 1_1$
$13_2 = \chi_{2,1}$	1	.	1	.	.	$\varphi_{2+} = 9_1$
$13_3 = \chi_{2,2}$	1	.	1	.	.	$\varphi_{5+} = 12_1$
$13_4 = \chi_{3,0}$	1	.	1	.	.	$\varphi_{8+} = 27_1$
$13_5 = \chi_{3,1}$	1	.	1	.	.	$\varphi_{11+} = 36_1$
$13_6 = \chi_{3,2}$	1	.	1	.	.	
$78_1 = \chi_{4+}$	.	2	2	.	1	
$78_2 = \chi_{7+}$	3	.	1	1	1	
$84_1 = \chi_{11+}$	3	1	3	.	1	
$84_2 = \chi_{14+}$	.	1	1	1	1	

Block 2:	$\varphi_{14,0}$	
$27_1 = \chi_{10,0}$	1	
$27_2 = \chi_{10,1}$	1	
$27_3 = \chi_{10,2}$	1	

$\varphi_{14,0} = 27_2$

Block 3:	φ_{15+}	φ_{18+}	φ_{21+}	$\varphi_{24,0}$	φ_{25+}	
$14_1 = \chi_{17,0}$	1	.	.	1	.	
$14_2 = \chi_{17,1}$	1	.	.	1	.	
$14_3 = \chi_{17,2}$	1	.	.	1	.	
$14_4 = \chi_{18,0}$	1	.	.	1	.	$\varphi_{15+} = 6_1$
$14_5 = \chi_{18,1}$	1	.	.	1	.	$\varphi_{18+} = 18_1$
$14_6 = \chi_{18,2}$	1	.	.	1	.	$\varphi_{21+} = 18_2$
$26_1 = \chi_{19,0}$	.	.	1	1	.	$\varphi_{24,0} = 8_1$
$26_2 = \chi_{19,1}$	.	.	1	1	.	$\varphi_{25+} = 54_1$
$26_3 = \chi_{19,2}$	.	.	1	1	.	
$78_3 = \chi_{20+}$	1	1	.	.	1	
$78_4 = \chi_{23+}$	3	1	1	3	.	
$84_3 = \chi_{26+}$	2	1	.	.	1	
$84_4 = \chi_{29+}$	1	1	2	3	.	