

$L_2(19).2 \pmod{3}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	2	6×2	$2.G :$	12	2	9×1
	2	2	6×2		13	0	$18_{10} = \chi_{15,0}, \varphi_{11,0}$
	3	0	$18_1 = \chi_{2+}, \varphi_{2+}$		14	0	$18_{11} = \chi_{15,1}, \varphi_{11,1}$
	4	0	$18_2 = \chi_{4,0}, \varphi_{4,0}$		15	0	$18_{12} = \chi_{16,0}, \varphi_{12,0}$
	5	0	$18_3 = \chi_{4,1}, \varphi_{4,1}$		16	0	$18_{13} = \chi_{16,1}, \varphi_{12,1}$
	6	0	$18_4 = \chi_{5,0}, \varphi_{5,0}$		17	0	$18_{14} = \chi_{17,0}, \varphi_{13,0}$
	7	0	$18_5 = \chi_{5,1}, \varphi_{5,1}$		18	0	$18_{15} = \chi_{17,1}, \varphi_{13,1}$
	8	0	$18_6 = \chi_{6,0}, \varphi_{6,0}$		19	0	$18_{16} = \chi_{18,0}, \varphi_{14,0}$
	9	0	$18_7 = \chi_{6,1}, \varphi_{6,1}$		20	0	$18_{17} = \chi_{18,1}, \varphi_{14,1}$
	10	0	$18_8 = \chi_{7,0}, \varphi_{7,0}$		21	0	$18_{18} = \chi_{19,0}, \varphi_{15,0}$
	11	0	$18_9 = \chi_{7,1}, \varphi_{7,1}$		22	0	$18_{19} = \chi_{19,1}, \varphi_{15,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{8,0}$	
$1_1 = \chi_{1,0}$	1	.	$\varphi_{1,0} = 1_1$ $\varphi_{8,0} = 19_1$
$19_1 = \chi_{8,0}$.	1	
$20_1 = \chi_{9,0}$	1	1	
$20_3 = \chi_{10,0}$	1	1	
$20_5 = \chi_{11,0}$	1	1	
$20_7 = \chi_{12,0}$	1	1	

Block 2:	$\varphi_{1,1}$	$\varphi_{8,1}$	
$1_2 = \chi_{1,1}$	1	.	$\varphi_{1,1} = 1_2$ $\varphi_{8,1} = 19_2$
$19_2 = \chi_{8,1}$.	1	
$20_2 = \chi_{9,1}$	1	1	
$20_4 = \chi_{10,1}$	1	1	
$20_6 = \chi_{11,1}$	1	1	
$20_8 = \chi_{12,1}$	1	1	

Block 12:	φ_{9+}
$20_9 = \chi_{13+}$	1
$20_{10} = \chi_{20,0}$	1
$20_{11} = \chi_{20,1}$	1
$20_{12} = \chi_{21,0}$	1
$20_{13} = \chi_{21,1}$	1
$20_{14} = \chi_{22,0}$	1
$20_{15} = \chi_{22,1}$	1
$20_{16} = \chi_{23,0}$	1
$20_{17} = \chi_{23,1}$	1

$$\varphi_{9+} = 20_1$$