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

	blocks	defect	matrix
$G:$	1	1	19×18
	2	0	$19_1 = \chi_{8,0}, \varphi_{10,0}$
	3	0	$19_2 = \chi_{8,1}, \varphi_{10,1}$
$2.G:$	4	1	19×18

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	$\varphi_{5,0}$	$\varphi_{5,1}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{7,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$18_1 = \chi_{2+}$	.	.	.	.	.	.	.	.	1	1	.	.	.
$18_2 = \chi_{4,0}$	.	.	.	.	.	.	.	1	.	.	1	.	.
$18_3 = \chi_{4,1}$	.	.	.	.	.	.	1	.	.	.	.	1	.
$18_4 = \chi_{5,0}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$18_5 = \chi_{5,1}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$18_6 = \chi_{6,0}$	.	1	.	.	.	.	.	.	.	.	.	.	.
$18_7 = \chi_{6,1}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$18_8 = \chi_{7,0}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$18_9 = \chi_{7,1}$	.	.	.	.	.	1	.	.	.	.	.	.	1
$20_1 = \chi_{9,0}$	.	.	.	.	.	.	.	1	.	.	.	.	1
$20_2 = \chi_{9,1}$	.	.	.	.	.	.	1	.	.	.	.	.	.
$20_3 = \chi_{10,0}$	.	.	.	.	1	.	.	.	.	.	.	.	.
$20_4 = \chi_{10,1}$	.	.	.	.	.	1	.	.	.	.	.	.	.
$20_5 = \chi_{11,0}$	.	.	.	1	.	.	.	.	.	.	.	.	.
$20_6 = \chi_{11,1}$	.	.	1	.	.	.	.	.	.	.	.	.	.
$20_7 = \chi_{12,0}$	.	.	.	.	.	.	.	.	1	.	.	1	.
$20_8 = \chi_{12,1}$	.	.	.	.	.	.	.	.	.	1	1	.	.

(**Block 1:**)	$\varphi_{7,1}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{9,0}$	$\varphi_{9,1}$
$1_1 = \chi_{1,0}$	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	.	.	.	.
$18_1 = \chi_{2+}$	.	.	.	.	.
$18_2 = \chi_{4,0}$	.	.	.	.	.
$18_3 = \chi_{4,1}$	.	.	.	.	.
$18_4 = \chi_{5,0}$	.	.	1	.	.
$18_5 = \chi_{5,1}$	.	1	.	.	.
$18_6 = \chi_{6,0}$	.	.	.	1	.
$18_7 = \chi_{6,1}$	.	.	.	.	1
$18_8 = \chi_{7,0}$	1	.	.	.	.
$18_9 = \chi_{7,1}$	.	.	.	.	.
$20_1 = \chi_{9,0}$	.	.	.	.	.
$20_2 = \chi_{9,1}$	1	.	.	.	.
$20_3 = \chi_{10,0}$	.	.	1	.	.
$20_4 = \chi_{10,1}$	.	1	.	.	.
$20_5 = \chi_{11,0}$	.	.	.	1	.
$20_6 = \chi_{11,1}$	.	.	.	.	1
$20_7 = \chi_{12,0}$	.	.	.	.	.
$20_8 = \chi_{12,1}$	.	.	.	.	.

$\varphi_{1,0} = 1_1$
$\varphi_{1,1} = 1_2$
$\varphi_{2,0} = 3_1$
$\varphi_{2,1} = 3_2$
$\varphi_{3,0} = 5_1$
$\varphi_{3,1} = 5_2$
$\varphi_{4,0} = 7_1$
$\varphi_{4,1} = 7_2$
$\varphi_{5,0} = 9_1$
$\varphi_{5,1} = 9_2$
$\varphi_{6,0} = 11_1$
$\varphi_{6,1} = 11_2$
$\varphi_{7,0} = 13_1$
$\varphi_{7,1} = 13_2$
$\varphi_{8,0} = 15_1$
$\varphi_{8,1} = 15_2$
$\varphi_{9,0} = 17_1$
$\varphi_{9,1} = 17_2$

Block 4:	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{14,0}$	$\varphi_{14,1}$	$\varphi_{15,0}$	$\varphi_{15,1}$	$\varphi_{16,0}$
$20_9 = \chi_{13+}$	.	.	.	.	.	.	.	.	1	1	.
$18_{10} = \chi_{15,0}$	.	.	.	1	.	.	.	.	.	.	.
$18_{11} = \chi_{15,1}$	.	.	1	.	.	.	.	.	.	.	.
$18_{12} = \chi_{16,0}$	.	1	.	.	.	.	.	.	.	.	.
$18_{13} = \chi_{16,1}$	1	.	.	.	.	.	.	.	.	.	.
$18_{14} = \chi_{17,0}$	.	.	.	.	.	.	.	.	.	.	.
$18_{15} = \chi_{17,1}$	.	.	.	.	.	.	.	.	.	.	.
$18_{16} = \chi_{18,0}$	.	.	.	.	1	.	.	.	.	.	.
$18_{17} = \chi_{18,1}$	.	.	.	.	.	1	.	.	.	.	1
$18_{18} = \chi_{19,0}$	.	.	.	.	.	.	1	.	.	1	.
$18_{19} = \chi_{19,1}$	.	.	.	.	.	.	.	1	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	.	.	1
$20_{15} = \chi_{22,1}$	.	.	.	.	.	.	1	.	.	.	.
$20_{16} = \chi_{23,0}$	1	.	.	.	.	.	.	.	.	.	.
$20_{17} = \chi_{23,1}$	.	1	.	.	.	.	.	.	.	.	.

(**Block 4:**)	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{19,0}$	$\varphi_{19,1}$
$20_9 = \chi_{13+}$	.	.	.	.	.	.	.
$18_{10} = \chi_{15,0}$	.	1	.	.	.	.	.
$18_{11} = \chi_{15,1}$	.	.	1	.	.	.	.
$18_{12} = \chi_{16,0}$	.	.	.	1	.	.	.
$18_{13} = \chi_{16,1}$	.	.	.	.	1	.	.
$18_{14} = \chi_{17,0}$	.	.	.	.	.	.	1
$18_{15} = \chi_{17,1}$	.	.	.	.	.	1	.
$18_{16} = \chi_{18,0}$	1	.	.	.	.	.	.
$18_{17} = \chi_{18,1}$	.	.	.	.	.	.	.
$18_{18} = \chi_{19,0}$	.	.	.	.	.	.	.
$18_{19} = \chi_{19,1}$	.	.	.	.	.	.	.
$20_{10} = \chi_{20,0}$	.	.	.	.	1	.	.
$20_{11} = \chi_{20,1}$	.	.	.	1	.	.	.
$20_{12} = \chi_{21,0}$	.	1	.	.	.	.	.
$20_{13} = \chi_{21,1}$	.	.	1	.	.	.	.
$20_{14} = \chi_{22,0}$	.	.	.	.	.	.	.
$20_{15} = \chi_{22,1}$	1	.	.	.	.	.	.
$20_{16} = \chi_{23,0}$	.	.	.	.	.	.	1
$20_{17} = \chi_{23,1}$	.	.	.	.	.	1	.

$\varphi_{11,0} = 2_1$
$\varphi_{11,1} = 2_2$
$\varphi_{12,0} = 4_1$
$\varphi_{12,1} = 4_2$
$\varphi_{13,0} = 6_1$
$\varphi_{13,1} = 6_2$
$\varphi_{14,0} = 8_1$
$\varphi_{14,1} = 8_2$
$\varphi_{15,0} = 10_1$
$\varphi_{15,1} = 10_2$
$\varphi_{16,0} = 12_1$
$\varphi_{16,1} = 12_2$
$\varphi_{17,0} = 14_1$
$\varphi_{17,1} = 14_2$
$\varphi_{18,0} = 16_1$
$\varphi_{18,1} = 16_2$
$\varphi_{19,0} = 18_1$
$\varphi_{19,1} = 18_2$