$L_2(19).2 \pmod 2$

	blocks	defect	matrix
$2.G:$	1	4	8×2
	2	3	8×1
	3	3	8×1
	4	2	4×1
	5	2	4×1
	6	2	4×1
	7	2	4×1

Block 1:	$\varphi_{1,0}$	φ_{2+}
$1_1 = \chi_{1,0}$	1	.
$1_2 = \chi_{1,1}$	1	.
$18_1 = \chi_{2+}$	.	1
$19_1 = \chi_{8,0}$	1	1
$19_2 = \chi_{8,1}$	1	1
$20_9 = \chi_{13+}$	2	1
$18_{10} = \chi_{15,0}$	.	1
$18_{11} = \chi_{15,1}$	.	1

$\varphi_{1,0} = 1_1$
$\varphi_{2+} = 18_1$

Block 2:	$\varphi_{4,0}$
$18_2 = \chi_{4,0}$	1
$18_3 = \chi_{4,1}$	1
$18_6 = \chi_{6,0}$	1
$18_7 = \chi_{6,1}$	1
$18_{12} = \chi_{16,0}$	1
$18_{13} = \chi_{16,1}$	1
$18_{16} = \chi_{18,0}$	1
$18_{17} = \chi_{18,1}$	1

$\varphi_{4,0} = 18_2$

Block 3:	$\varphi_{5,0}$
$18_4 = \chi_{5,0}$	1
$18_5 = \chi_{5,1}$	1
$18_8 = \chi_{7,0}$	1
$18_9 = \chi_{7,1}$	1
$18_{14} = \chi_{17,0}$	1
$18_{15} = \chi_{17,1}$	1
$18_{18} = \chi_{19,0}$	1
$18_{19} = \chi_{19,1}$	1

$\varphi_{5,0} = 18_3$

Block 4:	$\varphi_{6,0}$
$20_1 = \chi_{9,0}$	1
$20_2 = \chi_{9,1}$	1
$20_{10} = \chi_{20,0}$	1
$20_{11} = \chi_{20,1}$	1

$\varphi_{6,0} = 20_1$

Block 5:	$\varphi_{7,0}$
$20_3 = \chi_{10,0}$	1
$20_4 = \chi_{10,1}$	1
$20_{12} = \chi_{21,0}$	1
$20_{13} = \chi_{21,1}$	1

$\varphi_{7,0} = 20_2$

Block 6:	$\varphi_{8,0}$
$20_5 = \chi_{11,0}$	1
$20_6 = \chi_{11,1}$	1
$20_{14} = \chi_{22,0}$	1
$20_{15} = \chi_{22,1}$	1

$\varphi_{8,0} = 20_3$

Block 7:	$\varphi_{9,0}$
$20_7 = \chi_{12,0}$	1
$20_8 = \chi_{12,1}$	1
$20_{16} = \chi_{23,0}$	1
$20_{17} = \chi_{23,1}$	1

$\varphi_{9,0} = 20_4$