$L_3(9).2_1$ (mod 2)

	blocks	defect	matrix
$G:$	1	8	26×3
	2	0	$1280_1 = \chi_{10+}, \varphi_{3+}$
	3	0	$1280_2 = \chi_{12+}, \varphi_{5+}$
	4	0	$1280_3 = \chi_{14+}, \varphi_{7+}$
	5	0	$1280_4 = \chi_{16+}, \varphi_{9+}$
	6	0	$1280_5 = \chi_{18+}, \varphi_{11+}$
	7	0	$1280_6 = \chi_{20+}, \varphi_{13+}$
	8	0	$1280_7 = \chi_{22+}, \varphi_{15+}$
	9	0	$1280_8 = \chi_{24+}, \varphi_{17+}$

	blocks	defect	matrix
	10	0	$1280_9 = \chi_{26+}, \varphi_{19+}$
	11	0	$1280_{10} = \chi_{28+}, \varphi_{21+}$
	12	0	$1280_{11} = \chi_{30+}, \varphi_{23+}$
	13	0	$1280_{12} = \chi_{32+}, \varphi_{25+}$
	14	0	$1280_{13} = \chi_{34+}, \varphi_{27+}$
	15	0	$1280_{14} = \chi_{36+}, \varphi_{29+}$
	16	0	$1280_{15} = \chi_{38+}, \varphi_{31+}$
	17	5	11×1
	18	5	11×1

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{35,0}$
$1_1 = \chi_{1,0}$	1	.	.
$1_2 = \chi_{1,1}$	1	.	.
$90_1 = \chi_{2,0}$	.	1	.
$90_2 = \chi_{2,1}$	.	1	.
$91_1 = \chi_{3,0}$	1	1	.
$91_2 = \chi_{3,1}$	1	1	.
$182_1 = \chi_{4+}$	2	2	.
$182_2 = \chi_{6+}$	2	2	.
$182_3 = \chi_{8+}$	2	2	.
$1456_1 = \chi_{44+}$	.	.	2
$1456_2 = \chi_{46+}$	.	.	2
$729_1 = \chi_{76,0}$	1	.	1
$729_2 = \chi_{76,1}$	1	.	1
$819_1 = \chi_{77,0}$	1	1	1
$819_2 = \chi_{77,1}$	1	1	1
$1638_1 = \chi_{78+}$	2	2	2
$1638_2 = \chi_{80+}$	2	2	2
$1638_3 = \chi_{82+}$	2	2	2
$910_1 = \chi_{84,0}$	2	2	1
$910_2 = \chi_{84,1}$	2	2	1
$910_3 = \chi_{85,0}$	2	2	1
$910_4 = \chi_{85,1}$	2	2	1
$910_5 = \chi_{86,0}$	2	2	1
$910_6 = \chi_{86,1}$	2	2	1
$1820_1 = \chi_{87+}$	4	4	2
$1820_2 = \chi_{89+}$	4	4	2

$\varphi_{1,0} = 1_1$
$\varphi_{2,0} = 90_1$
$\varphi_{35,0} = 728_3$

Block 17:	$\varphi_{33,0}$
$728_1 = \chi_{40,0}$	1
$728_2 = \chi_{40,1}$	1
$728_5 = \chi_{42,0}$	1
$728_6 = \chi_{42,1}$	1
$1456_3 = \chi_{48+}$	2
$1456_5 = \chi_{52+}$	2
$1456_7 = \chi_{56+}$	2
$1456_9 = \chi_{60+}$	2
$1456_{11} = \chi_{64+}$	2
$1456_{13} = \chi_{68+}$	2
$1456_{15} = \chi_{72+}$	2

$\varphi_{33,0} = 728_1$

Block 18:	$\varphi_{34,0}$
$728_3 = \chi_{41,0}$	1
$728_4 = \chi_{41,1}$	1
$728_7 = \chi_{43,0}$	1
$728_8 = \chi_{43,1}$	1
$1456_4 = \chi_{50+}$	2
$1456_6 = \chi_{54+}$	2
$1456_8 = \chi_{58+}$	2
$1456_{10} = \chi_{62+}$	2
$1456_{12} = \chi_{66+}$	2
$1456_{14} = \chi_{70+}$	2
$1456_{16} = \chi_{74+}$	2

$\varphi_{34,0} = 728_2$