$L_2(13).2 \pmod 7$

	blocks	defect	matrix
$G:$	1	1	5×2
	2	1	5×2
	3	0	$14_1 = \chi_{2+}, \varphi_{2+}$
	4	0	$14_2 = \chi_{8,0}, \varphi_{5,0}$
	5	0	$14_3 = \chi_{8,1}, \varphi_{5,1}$
	6	0	$14_4 = \chi_{9,0}, \varphi_{6,0}$
	7	0	$14_5 = \chi_{9,1}, \varphi_{6,1}$

	blocks	defect	matrix
$2.G:$	8	1	7×1
	9	0	$14_6 = \chi_{15,0}, \varphi_{9,0}$
	10	0	$14_7 = \chi_{15,1}, \varphi_{9,1}$
	11	0	$14_8 = \chi_{16,0}, \varphi_{10,0}$
	12	0	$14_9 = \chi_{16,1}, \varphi_{10,1}$
	13	0	$14_{10} = \chi_{17,0}, \varphi_{11,0}$
	14	0	$14_{11} = \chi_{17,1}, \varphi_{11,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{4,1}$
$1_1 = \chi_{1,0}$	1	.
$12_2 = \chi_{4,1}$	.	1
$12_4 = \chi_{5,1}$	.	1
$12_6 = \chi_{6,1}$	.	1
$13_2 = \chi_{7,1}$	1	1

$\varphi_{1,0} = 1_1$
$\varphi_{4,1} = 12_2$

Block 2:	$\varphi_{1,1}$	$\varphi_{4,0}$
$1_2 = \chi_{1,1}$	1	.
$12_1 = \chi_{4,0}$	.	1
$12_3 = \chi_{5,0}$	.	1
$12_5 = \chi_{6,0}$	.	1
$13_1 = \chi_{7,0}$	1	1

$\varphi_{1,1} = 1_2$
$\varphi_{4,0} = 12_1$

Block 8:	φ_{7+}
$12_7 = \chi_{10+}$	1
$12_8 = \chi_{12,0}$	1
$12_9 = \chi_{12,1}$	1
$12_{10} = \chi_{13,0}$	1
$12_{11} = \chi_{13,1}$	1
$12_{12} = \chi_{14,0}$	1
$12_{13} = \chi_{14,1}$	1

$\varphi_{7+} = 12_3$