M_{12} (mod 11)

	blocks	defect	matrix
$G:$	1	1	7×5
	2	0	$11_1 = \chi_2, \varphi_2$
	3	0	$11_2 = \chi_3, \varphi_3$
	4	0	$55_1 = \chi_8, \varphi_7$
	5	0	$55_2 = \chi_9, \varphi_8$
	6	0	$55_3 = \chi_{10}, \varphi_9$
	7	0	$66_1 = \chi_{11}, \varphi_{10}$

	blocks	defect	matrix
	8	0	$99_1 = \chi_{12}, \varphi_{12}$
	9	0	$176_1 = \chi_{15}, \varphi_{13}$
$2.G:$	10	1	7×5
	11	0	$44_1 = \chi_{20}, \varphi_{18}$
	$12 = \overline{11}$	0	$44_2 = \chi_{21}, \varphi_{19}$
	13	0	$110_1 = \chi_{22}, \varphi_{21}$
	$14 = \overline{13}$	0	$110_2 = \chi_{23}, \varphi_{22}$

Block 1:	φ_1	φ_4	φ_5	φ_6	φ_{11}
$1_1 = \chi_1$	1	.	.	.	.
$16_1 = \chi_4$	.	1	.	.	.
$16_2 = \chi_5$	.	1	.	.	.
$45_1 = \chi_6$	.	1	1	.	.
$54_1 = \chi_7$	1	.	.	1	.
$120_1 = \chi_{13}$	.	.	1	.	1
$144_1 = \chi_{14}$	.	.	.	1	1

$\varphi_1 = 1_1$
$\varphi_4 = 16_1$
$\varphi_5 = 29_1$
$\varphi_6 = 53_1$
$\varphi_{11} = 91_1$

Block 10:	φ_{14}	φ_{15}	φ_{16}	φ_{17}	φ_{20}
$10_1 = \chi_{16}$	1	.	.	.	.
$10_2 = \chi_{17}$	.	1	.	.	.
$12_1 = \chi_{18}$	.	.	1	.	.
$32_1 = \chi_{19}$	.	.	.	1	.
$120_2 = \chi_{24}$	.	.	1	.	1
$160_1 = \chi_{25}$	1	1	.	1	1
$160_2 = \chi_{26}$	1	1	.	1	1

$\varphi_{14} = 10_1$
$\varphi_{15} = 10_2$
$\varphi_{16} = 12_1$
$\varphi_{17} = 32_1$
$\varphi_{20} = 108_1$