

$M_{24} \pmod{7}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	5×3		8	0	$770_1 = \chi_{10}, \varphi_9$
	2	1	5×3		$9 = \bar{8}$	0	$770_2 = \chi_{11}, \varphi_{10}$
	3	1	5×3		10	0	$1771_1 = \chi_{18}, \varphi_{15}$
	4	0	$231_1 = \chi_5, \varphi_4$		11	0	$5313_1 = \chi_{23}, \varphi_{17}$
	$5 = \bar{4}$	0	$231_2 = \chi_6, \varphi_5$		12	0	$5544_1 = \chi_{24}, \varphi_{18}$
	6	0	$252_1 = \chi_7, \varphi_6$		13	0	$5796_1 = \chi_{25}, \varphi_{19}$
	7	0	$483_1 = \chi_9, \varphi_8$		14	0	$10395_1 = \chi_{26}, \varphi_{20}$

Block 1:	φ_1	φ_{11}	φ_{12}	
$1_1 = \chi_1$	1	.	.	$\varphi_1 = 1_1$
$990_1 = \chi_{12}$	.	1	.	$\varphi_{11} = 990_1$
$990_2 = \chi_{13}$	.	1	.	$\varphi_{12} = 1034_1$
$1035_1 = \chi_{14}$	1	.	1	
$2024_1 = \chi_{19}$	.	1	1	

Block 2:	φ_2	φ_{13}	φ_{14}	
$23_1 = \chi_2$	1	.	.	$\varphi_2 = 23_1$
$1035_2 = \chi_{15}$	.	1	.	$\varphi_{13} = 1035_1$
$1035_3 = \chi_{16}$	.	1	.	$\varphi_{14} = 1242_1$
$1265_1 = \chi_{17}$	1	.	1	
$2277_1 = \chi_{20}$	.	1	1	

Block 3:	φ_3	φ_7	φ_{16}	
$45_1 = \chi_3$	1	.	.	$\varphi_3 = 45_1$
$45_2 = \chi_4$	1	.	.	$\varphi_7 = 253_1$
$253_1 = \chi_8$	.	1	.	$\varphi_{16} = 3267_1$
$3312_1 = \chi_{21}$	1	.	1	
$3520_1 = \chi_{22}$	.	1	1	