

$M_{24} \pmod{5}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	5×4		$9 = \overline{8}$	0	$990_2 = \chi_{13}, \varphi_{11}$
	2	1	5×4		10	0	$1035_1 = \chi_{14}, \varphi_{12}$
	3	0	$45_1 = \chi_3, \varphi_3$		11	0	$1035_2 = \chi_{15}, \varphi_{13}$
	$4 = \overline{3}$	0	$45_2 = \chi_4, \varphi_4$		$12 = \overline{11}$	0	$1035_3 = \chi_{16}, \varphi_{14}$
	5	1	4×2		13	0	$1265_1 = \chi_{17}, \varphi_{15}$
	6	0	$770_1 = \chi_{10}, \varphi_8$		14	0	$3520_1 = \chi_{22}, \varphi_{20}$
	$7 = \overline{6}$	0	$770_2 = \chi_{11}, \varphi_9$		15	0	$10395_1 = \chi_{26}, \varphi_{22}$
	8	0	$990_1 = \chi_{12}, \varphi_{10}$				

Block 1:	φ_1	φ_{16}	φ_{17}	φ_{21}	
$1_1 = \chi_1$	1	.	.	.	$\varphi_1 = 1_1$
$1771_1 = \chi_{18}$	.	1	.	.	$\varphi_{16} = 1771_1$
$2024_1 = \chi_{19}$	1	.	1	.	$\varphi_{17} = 2023_1$
$5544_1 = \chi_{24}$	.	1	.	1	$\varphi_{21} = 3773_1$
$5796_1 = \chi_{25}$	.	.	1	1	

Block 2:	φ_2	φ_7	φ_{18}	φ_{19}	
$23_1 = \chi_2$	1	.	.	.	$\varphi_2 = 23_1$
$253_1 = \chi_8$	.	1	.	.	$\varphi_7 = 253_1$
$2277_1 = \chi_{20}$	.	1	1	.	$\varphi_{18} = 2024_1$
$3312_1 = \chi_{21}$	1	.	.	1	$\varphi_{19} = 3289_1$
$5313_1 = \chi_{23}$	.	.	1	1	

Block 5:	φ_5	φ_6	
$231_1 = \chi_5$	1	.	$\varphi_5 = 231_1$
$231_2 = \chi_6$	1	.	$\varphi_6 = 252_1$
$252_1 = \chi_7$	.	1	
$483_1 = \chi_9$	1	1	