

${}^2F_4(2)' \pmod{5}$

	blocks	defect	matrix
$G :$	1	2	16×14
	2	0	$300_1 = \chi_7, \varphi_9$
	3	0	$325_1 = \chi_8, \varphi_{10}$
	4	0	$650_1 = \chi_{14}, \varphi_{17}$
	5	0	$675_1 = \chi_{15}, \varphi_{18}$
	6	0	$1300_1 = \chi_{18}, \varphi_{19}$
	7	0	$1300_2 = \chi_{19}, \varphi_{20}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8	φ_{11}	φ_{12}	φ_{13}	φ_{14}	φ_{15}	φ_{16}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$26_1 = \chi_2$	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$26_2 = \chi_3$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$27_1 = \chi_4$	.	.	.	1	.	.	.	.	.	.	.	.	.	.
$27_2 = \chi_5$	.	.	.	.	1	.	.	.	.	.	.	.	.	.
$78_1 = \chi_6$	.	.	.	.	.	1	.	.	.	.	.	.	.	.
$351_1 = \chi_9$	1	.	.	1	1	1	1	1	.	.	.	.	.	.
$351_2 = \chi_{10}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$351_3 = \chi_{11}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.
$624_1 = \chi_{12}$	1	.	.	1	1	.	1	.	.	.	.	1	.	.
$624_2 = \chi_{13}$	1	.	.	1	1	.	.	1	.	.	1	.	.	.
$702_1 = \chi_{16}$	.	.	.	.	.	.	1	.	.	.	.	.	.	1
$702_2 = \chi_{17}$	.	.	.	.	.	.	.	1	.	.	.	.	1	.
$1728_1 = \chi_{20}$	.	1	1	1	1	.	.	.	1	1	1	1	.	.
$2048_1 = \chi_{21}$	.	1	1	1	1	1	1	.	1	1	.	1	.	1
$2048_2 = \chi_{22}$	.	1	1	1	1	1	.	1	1	1	1	.	1	.

$\varphi_1 = 1_1$	$\varphi_8 = 109_2$
$\varphi_2 = 26_1$	$\varphi_{11} = 351_1$
$\varphi_3 = 26_2$	$\varphi_{12} = 351_2$
$\varphi_4 = 27_1$	$\varphi_{13} = 460_1$
$\varphi_5 = 27_2$	$\varphi_{14} = 460_2$
$\varphi_6 = 78_1$	$\varphi_{15} = 593_1$
$\varphi_7 = 109_1$	$\varphi_{16} = 593_2$