

$J_2 \pmod{5}$

	blocks	defect	matrix
$G :$	1	2	14×6
	2	1	4×2
	3	0	$175_1 = \chi_{13}, \varphi_8$
	4	0	$225_1 = \chi_{18}, \varphi_{10}$
	5	0	$300_1 = \chi_{20}, \varphi_{11}$
$2.G :$	6	2	14×6
	7	0	$50_1 = \chi_{25}, \varphi_{14}$
	$8 = \bar{7}$	0	$50_2 = \chi_{26}, \varphi_{15}$
	9	0	$350_1 = \chi_{37}, \varphi_{20}$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_6	φ_9	
$1_1 = \chi_1$	1	.	.	.	.	.
$14_1 = \chi_2$	.	1	.	.	.	.
$14_2 = \chi_3$	.	1	.	.	.	.
$21_1 = \chi_4$	.	.	1	.	.	.	$\varphi_1 = 1_1$
$21_2 = \chi_5$	.	.	1	.	.	.	$\varphi_2 = 14_1$
$36_1 = \chi_6$	1	1	1	.	.	.	$\varphi_3 = 21_1$
$63_1 = \chi_7$	1	.	1	1	.	.	$\varphi_4 = 41_1$
$126_1 = \chi_{11}$	.	.	.	1	1	.	$\varphi_6 = 85_1$
$189_1 = \chi_{14}$	.	.	.	.	.	1	$\varphi_9 = 189_1$
$189_2 = \chi_{15}$	.	.	.	.	.	1	
$224_1 = \chi_{16}$	.	1	1	.	.	1	
$224_2 = \chi_{17}$	.	1	1	.	.	1	
$288_1 = \chi_{19}$	.	1	.	.	1	1	
$336_1 = \chi_{21}$	.	.	1	1	1	1	

Block 2:	φ_5	φ_7	
$70_1 = \chi_8$	1	.	$\varphi_5 = 70_1$
$70_2 = \chi_9$	1	.	$\varphi_7 = 90_1$
$90_1 = \chi_{10}$	.	1	
$160_1 = \chi_{12}$	1	1	

Block 6:	φ_{12}	φ_{13}	φ_{16}	φ_{17}	φ_{18}	φ_{19}	
$6_1 = \chi_{22}$	1	.	.	.	.	.
$6_2 = \chi_{23}$	1	.	.	.	.	.
$14_3 = \chi_{24}$	.	1	.	.	.	.
$56_1 = \chi_{27}$	.	.	1	.	.	.	$\varphi_{12} = 6_1$
$56_2 = \chi_{28}$	.	.	1	.	.	.	$\varphi_{13} = 14_2$
$64_1 = \chi_{29}$	.	.	.	1	.	.	$\varphi_{16} = 56_1$
$64_2 = \chi_{30}$	.	.	.	1	.	.	$\varphi_{17} = 64_1$
$84_1 = \chi_{31}$	1	1	.	1	.	.	$\varphi_{18} = 190_1$
$126_2 = \chi_{32}$	1	.	1	1	.	.	$\varphi_{19} = 202_1$
$126_3 = \chi_{33}$	1	.	1	1	.	.	
$216_1 = \chi_{34}$	.	1	.	.	.	1	
$252_1 = \chi_{35}$	1	.	1	.	1	.	
$336_2 = \chi_{36}$	.	1	1	1	.	1	
$448_1 = \chi_{38}$	.	.	1	.	1	1	