

$J_3 \pmod{5}$

	blocks	defect	matrix
$G :$	1	1	4×2
	2	0	$85_1 = \chi_2, \varphi_2$
	$3 = \bar{2}$	0	$85_2 = \chi_3, \varphi_3$
	4	1	4×2
	5	1	4×2
	6	0	$1140_1 = \chi_{10}, \varphi_7$
	7	0	$1215_1 = \chi_{11}, \varphi_8$
	8	0	$1215_2 = \chi_{12}, \varphi_9$
	9	0	$1615_1 = \chi_{13}, \varphi_{10}$
	10	0	$1920_1 = \chi_{14}, \varphi_{11}$
	11	0	$1920_2 = \chi_{15}, \varphi_{12}$
	12	0	$1920_3 = \chi_{16}, \varphi_{13}$
$3.G :$	13	1	4×2
	$14 = 13^*$		
	15	1	4×2
	$16 = 15^*$		
	17	1	4×2
	$18 = 17^*$		
	19	0	$1215_3 = \chi_{30}, \varphi_{20}$
	$20 = 19^*$		
	21	0	$1215_5 = \chi_{31}, \varphi_{21}$
	$22 = 21^*$		
	23	0	$1530_1 = \chi_{32}, \varphi_{22}$
	$24 = 23^*$		
	$25 = \bar{24}$	0	$1530_3 = \chi_{33}, \varphi_{23}$
	$26 = 25^*$		
	27	0	$3060_1 = \chi_{37}, \varphi_{26}$
	$28 = 27^*$		

Block 1:	φ_1	φ_4	
$1_1 = \chi_1$	1	.	$\varphi_1 = 1_1$
$323_1 = \chi_4$	.	1	$\varphi_4 = 323_1$
$323_2 = \chi_5$	.	1	
$324_1 = \chi_6$	1	1	

Block 4:	φ_5	φ_{15}	
$646_1 = \chi_7$	1	.	$\varphi_5 = 646_1$
$646_2 = \chi_8$	1	.	$\varphi_{15} = 2432_1$
$2432_1 = \chi_{19}$	.	1	
$3078_1 = \chi_{21}$	1	1	

Block 5:	φ_6	φ_{14}	
$816_1 = \chi_9$	1	.	$\varphi_6 = 816_1$
$1938_1 = \chi_{17}$	.	1	$\varphi_{14} = 1938_1$
$1938_2 = \chi_{18}$	.	1	
$2754_1 = \chi_{20}$	1	1	

Blocks 13, 14:	φ_{16}	φ_{24}	
$18_1 = \chi_{22}$	1	.	$\varphi_{16} = 18_1$
$18_3 = \chi_{23}$	1	.	$\varphi_{24} = 2736_1$
$2736_1 = \chi_{34}$	.	1	
$2754_2 = \chi_{35}$	1	1	

Blocks 15, 16:	φ_{17}	φ_{18}	
$153_1 = \chi_{24}$	1	.	$\varphi_{17} = 153_1$
$153_3 = \chi_{25}$	1	.	$\varphi_{18} = 171_1$
$171_1 = \chi_{26}$	.	1	
$324_2 = \chi_{29}$	1	1	

Blocks 17, 18:	φ_{19}	φ_{25}	
$171_3 = \chi_{27}$	1	.	$\varphi_{19} = 171_3$
$171_5 = \chi_{28}$	1	.	$\varphi_{25} = 2907_1$
$2907_1 = \chi_{36}$	.	1	
$3078_2 = \chi_{38}$	1	1	