

$U_4(\mathbf{2}) \pmod{3}$

	blocks	defect	matrix
$G :$	1 2	4 0	19×5 $81_1 = \chi_{20}, \varphi_6$
$2.G :$	3	4	14×3

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	
$1_1 = \chi_1$	1	.	.	.	.
$5_1 = \chi_2$	.	1	.	.	.	
$5_2 = \chi_3$	.	1	.	.	.	
$6_1 = \chi_4$	1	1	.	.	.	
$10_1 = \chi_5$	.	.	1	.	.	
$10_2 = \chi_6$	.	.	1	.	.	
$15_1 = \chi_7$	.	1	1	.	.	$\varphi_1 = 1_1$
$15_2 = \chi_8$	1	.	.	1	.	$\varphi_2 = 5_1$
$20_1 = \chi_9$	1	1	.	1	.	$\varphi_3 = 10_1$
$24_1 = \chi_{10}$	.	.	1	1	.	$\varphi_4 = 14_1$
$30_1 = \chi_{11}$	.	1	.	.	1	$\varphi_5 = 25_1$
$30_2 = \chi_{12}$	1	1	1	1	.	
$30_3 = \chi_{13}$	1	1	1	1	.	
$40_1 = \chi_{14}$	.	1	1	.	1	
$40_2 = \chi_{15}$	.	1	1	.	1	
$45_1 = \chi_{16}$	.	.	2	.	1	
$45_2 = \chi_{17}$	.	.	2	.	1	
$60_1 = \chi_{18}$	1	2	1	1	1	
$64_1 = \chi_{19}$	.	1	2	1	1	

Block 3:	φ_7	φ_8	φ_9	
$4_1 = \chi_{21}$	1	.	.	
$4_2 = \chi_{22}$	1	.	.	
$20_2 = \chi_{23}$	1	1	.	
$20_3 = \chi_{24}$	1	1	.	
$20_4 = \chi_{25}$	1	1	.	
$20_5 = \chi_{26}$	1	1	.	$\varphi_7 = 4_1$
$20_6 = \chi_{27}$	1	1	.	$\varphi_8 = 16_1$
$36_1 = \chi_{28}$	1	2	.	$\varphi_9 = 40_1$
$36_2 = \chi_{29}$	1	2	.	
$60_2 = \chi_{30}$	1	1	1	
$60_3 = \chi_{31}$	1	1	1	
$60_4 = \chi_{32}$	1	1	1	
$64_2 = \chi_{33}$	2	1	1	
$80_1 = \chi_{34}$	2	2	1	