

$U_3(3) \pmod{3}$

	blocks	defect	matrix
$G :$	1 2	3 0	13×8 $27_1 = \chi_{10}, \varphi_9$

Block 1:	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7	φ_8
$1_1 = \chi_1$	1	.	.	.	.	.	.	.
$6_1 = \chi_2$	.	1	1	.	.	.	.	.
$7_1 = \chi_3$	.	.	.	.	.	1	.	.
$7_2 = \chi_4$	1	.	.	1	.	.	.	.
$7_3 = \chi_5$	1	.	.	.	1	.	.	.
$14_1 = \chi_6$	1	1	1	.	.	1	.	.
$21_1 = \chi_7$	2	.	.	1	1	1	.	.
$21_2 = \chi_8$	.	.	.	1	.	.	1	.
$21_3 = \chi_9$	.	.	.	.	1	.	.	1
$28_1 = \chi_{11}$	.	1	1	.	.	1	1	.
$28_2 = \chi_{12}$	.	1	1	.	.	1	.	1
$32_1 = \chi_{13}$	1	.	1	1	.	1	1	.
$32_2 = \chi_{14}$	1	1	.	.	1	1	.	1

- $\varphi_1 = 1_1$
- $\varphi_2 = 3_1$
- $\varphi_3 = 3_2$
- $\varphi_4 = 6_1$
- $\varphi_5 = 6_2$
- $\varphi_6 = 7_1$
- $\varphi_7 = 15_1$
- $\varphi_8 = 15_2$