

# $U_3(3).2 \pmod{3}$

	blocks	defect	matrix
$G :$	1	3	$14 \times 7$
	2	0	$27_1 = \chi_{10,0}, \varphi_{9,0}$
	3	0	$27_2 = \chi_{10,1}, \varphi_{9,1}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2+}$	$\varphi_{4+}$	$\varphi_{6,0}$	$\varphi_{6,1}$	$\varphi_{7+}$	
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	
$6_1 = \chi_{2,0}$	.	.	1	.	.	.	.	$\varphi_{1,0} = 1_1$
$6_2 = \chi_{2,1}$	.	.	1	.	.	.	.	$\varphi_{1,1} = 1_2$
$7_1 = \chi_{3,0}$	.	.	.	.	1	.	.	$\varphi_{2+} = 6_1$
$7_2 = \chi_{3,1}$	.	.	.	.	.	1	.	$\varphi_{4+} = 12_1$
$14_1 = \chi_{4+}$	1	1	.	1	.	.	.	$\varphi_{6,0} = 7_1$
$14_2 = \chi_{6,0}$	1	.	1	.	1	.	.	$\varphi_{6,1} = 7_2$
$14_3 = \chi_{6,1}$	.	1	1	.	.	1	.	$\varphi_{7+} = 30_1$
$21_1 = \chi_{7,0}$	2	.	.	1	1	.	.	
$21_2 = \chi_{7,1}$	.	2	.	1	.	1	.	
$42_1 = \chi_{8+}$	.	.	.	1	.	.	1	
$56_1 = \chi_{11+}$	.	.	2	.	1	1	1	
$64_1 = \chi_{13+}$	1	1	1	1	1	1	1	