

$U_3(5).2 \pmod{3}$

	blocks	defect	matrix
$3.G :$	1	3	14×7
	2	2	9×4
	3	1	3×2
	4	1	3×1
	5	1	3×1

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{4,0}$	$\varphi_{4,1}$	φ_{5+}	
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.
$20_1 = \chi_{2,0}$	.	.	1	.	.	.	.
$20_2 = \chi_{2,1}$	.	.	.	1	.	.	.	$\varphi_{1,0} = 1_1$
$28_1 = \chi_{4,0}$	.	.	.	.	1	.	.	$\varphi_{1,1} = 1_2$
$28_2 = \chi_{4,1}$	.	.	.	.	.	1	.	$\varphi_{2,0} = 20_1$
$56_1 = \chi_{5+}$	.	.	.	.	.	.	1	$\varphi_{2,1} = 20_2$
$125_1 = \chi_{9,0}$	1	.	1	1	1	.	1	$\varphi_{4,0} = 28_1$
$125_2 = \chi_{9,1}$	.	1	1	1	.	1	1	$\varphi_{4,1} = 28_2$
$42_1 = \chi_{15+}$	1	1	1	1	.	.	.	$\varphi_{5+} = 56_1$
$96_1 = \chi_{17+}$	.	.	1	1	1	1	.	
$96_2 = \chi_{18+}$	.	.	1	1	.	.	1	
$96_3 = \chi_{19+}$	.	.	1	1	.	.	1	
$210_1 = \chi_{21+}$	1	1	1	1	1	1	2	

Block 2₁, 2₂:	$\varphi_{3,0}$	$\varphi_{7,0}$	$\varphi_{3,1}$	$\varphi_{7,1}$	
$21_1 = \chi_{3,0}$	1	.	.	.	
$84_1 = \chi_{7,0}$	.	1	.	.	
$105_1 = \chi_{8,0}$	1	1	.	.	
$21_2 = \chi_{3,1}$	.	.	1	.	$\varphi_{3,0} = 21_1$
$84_2 = \chi_{7,1}$	.	.	.	1	$\varphi_{3,1} = 21_2$
$105_2 = \chi_{8,1}$	.	.	1	1	$\varphi_{7,0} = 84_1$
$42_2 = \chi_{16+}$	1	.	1	.	$\varphi_{7,1} = 84_2$
$168_1 = \chi_{20+}$	.	1	.	1	
$210_2 = \chi_{22+}$	1	1	1	1	

Block 3₁, 3₂:	$\varphi_{8,0}$	$\varphi_{8,1}$	
$126_1 = \chi_{10,0}$	1	.	$\varphi_{8,0} = 126_1$
$126_2 = \chi_{10,1}$	.	1	$\varphi_{8,1} = 126_2$
$252_2 = \chi_{23+}$	1	1	

Block 4:	φ_{9+}	
$252_1 = \chi_{11+}$	1	$\varphi_{9+} = 252_1$
$252_3 = \chi_{24+}$	1	
$252_4 = \chi_{25+}$	1	

Block 5:	φ_{11+}	
$288_1 = \chi_{13+}$	1	$\varphi_{11+} = 288_1$
$288_2 = \chi_{26+}$	1	
$288_3 = \chi_{27+}$	1	