$U_3(8).2$ (mod 3)

	blocks	defect	matrix
$3.G:$	1	5	29×7
	2	2	6×2
	3	2	6×2
	4	2	6×2
	5	1	3×1
	6	1	3×1
	7	1	3×1

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{3,0}$	$\varphi_{3,1}$	φ_{4+}
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.
$56_1 = \chi_{2,0}$	.	.	1	.	.	.	.
$56_2 = \chi_{2,1}$	.	.	.	1	.	.	.
$114_1 = \chi_{3+}$	1	1	1	1	.	.	.
$133_1 = \chi_{5,0}$	.	.	.	.	1	.	.
$133_2 = \chi_{5,1}$	.	.	.	.	.	1	.
$266_1 = \chi_{6+}$	.	.	.	.	.	.	1
$399_1 = \chi_{8,0}$	.	.	.	.	1	.	1
$399_2 = \chi_{8,1}$	.	.	.	.	.	1	1
$399_3 = \chi_{9,0}$	.	.	.	.	1	.	1
$399_4 = \chi_{9,1}$	.	.	.	.	.	1	1
$399_5 = \chi_{10,0}$	.	.	.	.	1	.	1
$399_6 = \chi_{10,1}$	.	.	.	.	.	1	1
$912_1 = \chi_{11+}$	1	1	1	1	1	1	2
$512_1 = \chi_{13,0}$	1	.	1	1	1	.	1
$512_2 = \chi_{13,1}$	.	1	1	1	.	1	1
$114_2 = \chi_{29+}$	1	1	1	1	.	.	.
$114_3 = \chi_{30+}$	1	1	1	1	.	.	.
$114_4 = \chi_{31+}$	1	1	1	1	.	.	.
$378_1 = \chi_{32+}$	.	.	1	1	1	1	.
$378_2 = \chi_{33+}$	.	.	1	1	.	.	1
$378_3 = \chi_{34+}$	.	.	1	1	.	.	1
$798_1 = \chi_{35+}$	.	.	.	.	1	1	2
$798_2 = \chi_{36+}$	.	.	.	.	1	1	2
$798_3 = \chi_{37+}$	.	.	.	.	1	1	2
$912_2 = \chi_{38+}$	1	1	1	1	1	1	2
$912_3 = \chi_{39+}$	1	1	1	1	1	1	2
$912_4 = \chi_{40+}$	1	1	1	1	1	1	2

$\varphi_{1,0} = 1_1$
$\varphi_{1,1} = 1_2$
$\varphi_{2,0} = 56_1$
$\varphi_{2,1} = 56_2$
$\varphi_{3,0} = 133_1$
$\varphi_{3,1} = 133_2$
$\varphi_{4+} = 266_1$

Block 2:	$\varphi_{6,0}$	$\varphi_{6,1}$
$513_1 = \chi_{14,0}$	1	.
$513_2 = \chi_{14,1}$	.	1
$1026_1 = \chi_{17+}$	1	1
$1026_4 = \chi_{41+}$	1	1
$1026_9 = \chi_{46+}$	1	1
$1026_{11} = \chi_{48+}$	1	1

$\varphi_{6,0} = 513_1$
$\varphi_{6,1} = 513_2$

Block 3:	$\varphi_{7,0}$	$\varphi_{7,1}$
$513_3 = \chi_{15,0}$	1	.
$513_4 = \chi_{15,1}$	.	1
$1026_2 = \chi_{19+}$	1	1
$1026_5 = \chi_{42+}$	1	1
$1026_7 = \chi_{44+}$	1	1
$1026_{12} = \chi_{49+}$	1	1

$\varphi_{7,0} = 513_3$
$\varphi_{7,1} = 513_4$

Block 4:	$\varphi_{8,0}$	$\varphi_{8,1}$
$513_5 = \chi_{16,0}$	1	.
$513_6 = \chi_{16,1}$	.	1
$1026_3 = \chi_{21+}$	1	1
$1026_6 = \chi_{43+}$	1	1
$1026_8 = \chi_{45+}$	1	1
$1026_{10} = \chi_{47+}$	1	1

$\varphi_{8,0} = 513_5$
$\varphi_{8,1} = 513_6$

Block 5:	φ_{9+}
$1134_1 = \chi_{23+}$	1
$1134_4 = \chi_{50+}$	1
$1134_5 = \chi_{51+}$	1

$\varphi_{9+} = 1134_1$

Block 6:	φ_{11+}
$1134_2 = \chi_{25+}$	1
$1134_6 = \chi_{52+}$	1
$1134_7 = \chi_{53+}$	1

$$\varphi_{11+} = 1134_2$$

Block 7:	φ_{13+}
$1134_3 = \chi_{27+}$	1
$1134_8 = \chi_{54+}$	1
$1134_9 = \chi_{55+}$	1

$$\varphi_{13+} = 1134_3$$