

$U_3(8).3_3 \pmod{2}$

	blocks	defect	matrix
$G :$	1	9	25×15
	2	0	$512_1 = \chi_{13,0}, \varphi_{22,0}$
	3	0	$512_2 = \chi_{13,1}, \varphi_{22,1}$
	$4 = \overline{3}$	0	$512_3 = \chi_{13,2}, \varphi_{22,2}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	φ_{2+}	φ_{5+}	φ_{6+}	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{11,2}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{12,2}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.	.	.
$56_1 = \chi_{2,0}$	.	1	1	.	1	1	.	.	.	.	.	.
$56_2 = \chi_{2,1}$	1	.	1	.	1	1	.	.	.	.	.	.
$56_3 = \chi_{2,2}$	1	1	.	.	1	1	.	.	.	.	.	.
$57_1 = \chi_{3,0}$	1	1	1	.	.	1	.	.	.	1	.	.
$57_2 = \chi_{3,1}$	1	1	1	.	.	1	.	.	.	.	1	.
$57_3 = \chi_{3,2}$	1	1	1	.	.	1	.	.	.	.	.	1
$57_4 = \chi_{4,0}$	1	1	1	.	1	.	1	.	.	.	.	.
$57_5 = \chi_{4,1}$	1	1	1	.	1	.	.	1	.	.	.	.
$57_6 = \chi_{4,2}$	1	1	1	.	1	.	.	.	1	.	.	.
$399_1 = \chi_{5+}$	1	1	1	3	3	3	1	1	1	1	1	1
$1197_1 = \chi_{8+}$	5	5	5	3	6	6	1	1	1	1	1	1
$456_1 = \chi_{11,0}$	1	1	1	2	2	3	.	.	.	.	1	1
$456_2 = \chi_{11,1}$	1	1	1	2	2	3	.	.	.	1	.	1
$456_3 = \chi_{11,2}$	1	1	1	2	2	3	.	.	.	1	1	.
$456_4 = \chi_{12,0}$	1	1	1	2	3	2	.	1	1	.	.	.
$456_5 = \chi_{12,1}$	1	1	1	2	3	2	1	.	1	.	.	.
$456_6 = \chi_{12,2}$	1	1	1	2	3	2	1	1	.	.	.	.
$1539_1 = \chi_{14+}$	5	5	5	6	8	8	2	2	2	2	2	2
$1539_2 = \chi_{17+}$	4	4	4	5	8	7	1	1	1	1	1	1
$1539_3 = \chi_{18+}$	4	4	4	5	7	8	1	1	1	1	1	1
$1701_1 = \chi_{23+}$	5	5	5	6	10	7	2	2	2	1	1	1
$1701_2 = \chi_{24+}$	5	5	5	6	7	10	1	1	1	2	2	2

(Block 1:)	φ_{13+}	φ_{16+}	φ_{17+}		
$1_1 = \chi_{1,0}$	.	.	.		
$1_2 = \chi_{1,1}$	.	.	.		
$1_3 = \chi_{1,2}$	.	.	.		
$56_1 = \chi_{2,0}$	.	.	.		
$56_2 = \chi_{2,1}$	.	.	.	$\varphi_{1,0} =$	1_1
$56_3 = \chi_{2,2}$	.	.	.	$\varphi_{1,1} =$	1_2
$57_1 = \chi_{3,0}$	.	.	.	$\varphi_{1,2} =$	1_3
$57_2 = \chi_{3,1}$	.	.	.	$\varphi_{2+} =$	24_1
$57_3 = \chi_{3,2}$	.	.	.	$\varphi_{5+} =$	27_1
$57_4 = \chi_{4,0}$	.	.	.	$\varphi_{6+} =$	27_2
$57_5 = \chi_{4,1}$	.	.	.	$\varphi_{11,0} =$	27_3
$57_6 = \chi_{4,2}$	.	.	.	$\varphi_{11,1} =$	27_4
$399_1 = \chi_{5+}$	.	.	.	$\varphi_{11,2} =$	27_5
$1197_1 = \chi_{8+}$	1	1	1	$\varphi_{12,0} =$	27_6
$456_1 = \chi_{11,0}$	.	1	.	$\varphi_{12,1} =$	27_7
$456_2 = \chi_{11,1}$	.	1	.	$\varphi_{12,2} =$	27_8
$456_3 = \chi_{11,2}$	.	1	.	$\varphi_{13+} =$	192_1
$456_4 = \chi_{12,0}$	.	.	1	$\varphi_{16+} =$	216_1
$456_5 = \chi_{12,1}$	.	.	1	$\varphi_{17+} =$	216_2
$456_6 = \chi_{12,2}$	.	.	1		
$1539_1 = \chi_{14+}$	1	1	1		
$1539_2 = \chi_{17+}$	1	2	1		
$1539_3 = \chi_{18+}$	1	1	2		
$1701_1 = \chi_{23+}$	1	1	2		
$1701_2 = \chi_{24+}$	1	2	1		