

$U_3(7).2 \pmod{2}$

	blocks	defect	matrix
$G :$	1	8	26×3
	2	5	11×1
	3	0	$768_1 = \chi_{45+}, \varphi_{5+}$
	4	0	$768_2 = \chi_{47+}, \varphi_{7+}$
	5	0	$768_3 = \chi_{49+}, \varphi_{9+}$
	6	0	$768_4 = \chi_{51+}, \varphi_{11+}$
	7	0	$768_5 = \chi_{53+}, \varphi_{13+}$
	8	0	$768_6 = \chi_{55+}, \varphi_{15+}$
	9	0	$768_7 = \chi_{57+}, \varphi_{17+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	
$1_1 = \chi_{1,0}$	1	.	.	
$1_2 = \chi_{1,1}$	1	.	.	
$42_1 = \chi_{2,0}$	.	1	.	
$42_2 = \chi_{2,1}$	.	1	.	
$43_1 = \chi_{3,0}$	1	1	.	
$43_2 = \chi_{3,1}$	1	1	.	
$86_1 = \chi_{4+}$	2	2	.	
$86_2 = \chi_{6+}$	2	2	.	
$86_3 = \chi_{8+}$	2	2	.	
$258_1 = \chi_{10,0}$	.	.	1	
$258_2 = \chi_{10,1}$	.	.	1	
$258_3 = \chi_{11,0}$	.	.	1	$\varphi_{1,0} = 1_1$
$258_4 = \chi_{11,1}$	.	.	1	$\varphi_{2,0} = 42_1$
$258_5 = \chi_{12,0}$	.	.	1	$\varphi_{3,0} = 258_1$
$258_6 = \chi_{12,1}$	.	.	1	
$516_1 = \chi_{13+}$	.	.	2	
$516_2 = \chi_{15+}$	.	.	2	
$301_1 = \chi_{17,0}$	1	1	1	
$301_2 = \chi_{17,1}$	1	1	1	
$602_1 = \chi_{18+}$	2	2	2	
$602_2 = \chi_{20+}$	2	2	2	
$602_3 = \chi_{22+}$	2	2	2	
$343_1 = \chi_{24,0}$	1	2	1	
$343_2 = \chi_{24,1}$	1	2	1	
$688_4 = \chi_{33+}$	4	4	2	
$688_5 = \chi_{35+}$	4	4	2	

Block 2:	$\varphi_{4,0}$
$344_1 = \chi_{25,0}$	1
$344_2 = \chi_{25,1}$	1
$344_3 = \chi_{26,0}$	1
$344_4 = \chi_{26,1}$	1
$688_1 = \chi_{27+}$	2
$688_2 = \chi_{29+}$	2
$688_3 = \chi_{31+}$	2
$688_6 = \chi_{37+}$	2
$688_7 = \chi_{39+}$	2
$688_8 = \chi_{41+}$	2
$688_9 = \chi_{43+}$	2

$$\varphi_{4,0} = 344_1$$