

$U_3(7).2 \pmod{43}$

	blocks	defect	matrix		blocks	defect	matrix
$G :$	1	1	13×6		17	0	$602_1 = \chi_{18+}, \varphi_{18+}$
	2	0	$43_1 = \chi_{3,0}, \varphi_{3,0}$		18	0	$602_2 = \chi_{20+}, \varphi_{20+}$
	3	0	$43_2 = \chi_{3,1}, \varphi_{3,1}$		19	0	$602_3 = \chi_{22+}, \varphi_{22+}$
	4	0	$86_1 = \chi_{4+}, \varphi_{4+}$		20	0	$344_1 = \chi_{25,0}, \varphi_{25,0}$
	5	0	$86_2 = \chi_{6+}, \varphi_{6+}$		21	0	$344_2 = \chi_{25,1}, \varphi_{25,1}$
	6	0	$86_3 = \chi_{8+}, \varphi_{8+}$		22	0	$344_3 = \chi_{26,0}, \varphi_{26,0}$
	7	0	$258_1 = \chi_{10,0}, \varphi_{10,0}$		23	0	$344_4 = \chi_{26,1}, \varphi_{26,1}$
	8	0	$258_2 = \chi_{10,1}, \varphi_{10,1}$		24	0	$688_1 = \chi_{27+}, \varphi_{27+}$
	9	0	$258_3 = \chi_{11,0}, \varphi_{11,0}$		25	0	$688_2 = \chi_{29+}, \varphi_{29+}$
	10	0	$258_4 = \chi_{11,1}, \varphi_{11,1}$		26	0	$688_3 = \chi_{31+}, \varphi_{31+}$
	11	0	$258_5 = \chi_{12,0}, \varphi_{12,0}$		27	0	$688_4 = \chi_{33+}, \varphi_{33+}$
	12	0	$258_6 = \chi_{12,1}, \varphi_{12,1}$		28	0	$688_5 = \chi_{35+}, \varphi_{35+}$
	13	0	$516_1 = \chi_{13+}, \varphi_{13+}$		29	0	$688_6 = \chi_{37+}, \varphi_{37+}$
	14	0	$516_2 = \chi_{15+}, \varphi_{15+}$		30	0	$688_7 = \chi_{39+}, \varphi_{39+}$
	15	0	$301_1 = \chi_{17,0}, \varphi_{17,0}$		31	0	$688_8 = \chi_{41+}, \varphi_{41+}$
	16	0	$301_2 = \chi_{17,1}, \varphi_{17,1}$		32	0	$688_9 = \chi_{43+}, \varphi_{43+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{24,0}$	$\varphi_{24,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	
$42_1 = \chi_{2,0}$	.	.	1	.	.	.	
$42_2 = \chi_{2,1}$	.	.	.	1	.	.	$\varphi_{1,0} = 1_1$
$343_1 = \chi_{24,0}$	1	.	.	.	1	.	$\varphi_{1,1} = 1_2$
$343_2 = \chi_{24,1}$	.	1	.	.	.	1	$\varphi_{2,0} = 42_1$
$768_1 = \chi_{45+}$	.	.	1	1	1	1	$\varphi_{2,1} = 42_2$
$768_2 = \chi_{47+}$	.	.	1	1	1	1	$\varphi_{24,0} = 342_1$
$768_3 = \chi_{49+}$	.	.	1	1	1	1	$\varphi_{24,1} = 342_2$
$768_4 = \chi_{51+}$	.	.	1	1	1	1	
$768_5 = \chi_{53+}$	.	.	1	1	1	1	
$768_6 = \chi_{55+}$	.	.	1	1	1	1	
$768_7 = \chi_{57+}$	.	.	1	1	1	1	