$U_3(3).2 \quad (\mathbf{mod}\ 7)$

	blocks	defect	matrix
$G:$	1	1	7×6
	2	0	$7_1 = \chi_{3,0}, \varphi_{3,0}$
	3	0	$7_2 = \chi_{3,1}, \varphi_{3,1}$
	4	0	$14_1 = \chi_{4+}, \varphi_{4+}$
	5	0	$14_2 = \chi_{6,0}, \varphi_{6,0}$

	blocks	defect	matrix
	6	0	$14_3 = \chi_{6,1}, \varphi_{6,1}$
	7	0	$21_1 = \chi_{7,0}, \varphi_{7,0}$
	8	0	$21_2 = \chi_{7,1}, \varphi_{7,1}$
	9	0	$42_1 = \chi_{8+}, \varphi_{8+}$
	10	0	$56_1 = \chi_{11+}, \varphi_{11+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{10,0}$	$\varphi_{10,1}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.
$6_1 = \chi_{2,0}$	.	.	1	.	.	.
$6_2 = \chi_{2,1}$	.	.	.	1	.	.
$27_1 = \chi_{10,0}$	1	.	.	.	1	.
$27_2 = \chi_{10,1}$	.	1	.	.	.	1
$64_1 = \chi_{13+}$	.	.	1	1	1	1

$$\begin{aligned} \varphi_{1,0} &= 1_1 \\ \varphi_{1,1} &= 1_2 \\ \varphi_{2,0} &= 6_1 \\ \varphi_{2,1} &= 6_2 \\ \varphi_{10,0} &= 26_1 \\ \varphi_{10,1} &= 26_2 \end{aligned}$$