

$U_3(4).4 \pmod{13}$

	blocks	defect	matrix
$G :$	1	1	13×12
	2	0	$52_1 = \chi_{3+}, \varphi_{3+}$
	3	0	$78_1 = \chi_{7,0+}, \varphi_{7,0+}$
	4	0	$78_2 = \chi_{7,1+}, \varphi_{7,1+}$
	5	0	$208_1 = \chi_{9+}, \varphi_{9+}$

	blocks	defect	matrix
	6	0	$65_1 = \chi_{14,0}, \varphi_{14,0}$
	7	0	$65_2 = \chi_{14,1}, \varphi_{14,1}$
	8	0	$65_3 = \chi_{14,2}, \varphi_{14,2}$
	$9 = \bar{7}$	0	$65_4 = \chi_{14,3}, \varphi_{14,3}$
	10	0	$260_1 = \chi_{15+}, \varphi_{15+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{1,3}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{2,3}$	$\varphi_{13,0}$	$\varphi_{13,1}$	$\varphi_{13,2}$	$\varphi_{13,3}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$	.	.	1	.	.	.	.	.	.	.	.	.
$1_4 = \chi_{1,3}$	.	.	.	1	.	.	.	.	.	.	.	.
$12_1 = \chi_{2,0}$	.	.	.	.	1	.	.	.	.	.	.	.
$12_2 = \chi_{2,1}$	.	.	.	.	.	1	.	.	.	.	.	.
$12_3 = \chi_{2,2}$	.	.	.	.	.	.	1	.	.	.	.	.
$12_4 = \chi_{2,3}$	.	.	.	.	.	.	.	1	.	.	.	.
$64_1 = \chi_{13,0}$	1	.	.	.	.	.	.	.	1	.	.	.
$64_2 = \chi_{13,1}$	.	1	.	.	.	.	.	.	.	1	.	.
$64_3 = \chi_{13,2}$	.	.	1	.	.	.	.	.	.	.	1	.
$64_4 = \chi_{13,3}$	.	.	.	1	.	.	.	.	.	.	.	1
$300_1 = \chi_{19+}$	.	.	.	.	1	1	1	1	1	1	1	1

$$\begin{array}{ll}
 \varphi_{1,0} & = 1_1 \\
 \varphi_{1,1} & = 1_2 \\
 \varphi_{1,2} & = 1_3 \\
 \varphi_{1,3} & = 1_4 \\
 \varphi_{2,0} & = 12_1 \\
 \varphi_{2,1} & = 12_2 \\
 \varphi_{2,2} & = 12_3 \\
 \varphi_{2,3} & = 12_4 \\
 \varphi_{13,0} & = 63_1 \\
 \varphi_{13,1} & = 63_2 \\
 \varphi_{13,2} & = 63_3 \\
 \varphi_{13,3} & = 63_4
 \end{array}$$