

$L_3(8).6 \pmod{73}$

	blocks	defect	matrix
$G :$	1	1	22×18
	2	0	$438_1 = \chi_{3+}, \varphi_{3+}$
	3	0	$511_1 = \chi_{33,0}, \varphi_{10,0}$
	4	0	$511_2 = \chi_{33,1}, \varphi_{10,1}$
	5	0	$511_3 = \chi_{33,2}, \varphi_{10,2}$
	6	0	$511_4 = \chi_{33,3}, \varphi_{10,3}$
	$7 = \bar{5}$	0	$511_5 = \chi_{33,4}, \varphi_{10,4}$
	$8 = \bar{4}$	0	$511_6 = \chi_{33,5}, \varphi_{10,5}$
	9	0	$1533_1 = \chi_{34,0+}, \varphi_{11,0+}$
	10	0	$1533_2 = \chi_{34,1+}, \varphi_{11,1+}$

	blocks	defect	matrix
	11	0	$3066_1 = \chi_{37+}, \varphi_{14+}$
	12	0	$3066_2 = \chi_{43+}, \varphi_{20+}$
	13	0	$3066_3 = \chi_{49+}, \varphi_{26+}$
	14	0	$3066_4 = \chi_{55+}, \varphi_{32+}$
	15	0	$3504_1 = \chi_{62+}, \varphi_{38+}$
	16	0	$1314_1 = \chi_{68,0+}, \varphi_{44,0+}$
	17	0	$1314_2 = \chi_{68,1+}, \varphi_{44,1+}$
	$18 = \bar{17}$	0	$1314_3 = \chi_{68,2+}, \varphi_{44,2+}$
	19	0	$1971_1 = \chi_{70,0+}, \varphi_{46,0+}$
	20	0	$1971_2 = \chi_{70,1+}, \varphi_{46,1+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{1,2}$	$\varphi_{1,3}$	$\varphi_{1,4}$	$\varphi_{1,5}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{2,2}$	$\varphi_{2,3}$	$\varphi_{2,4}$	$\varphi_{2,5}$	$\varphi_{9,0}$
$1_1 = \chi_{1,0}$	1	.	.	.	.	.	.	.	.	.	.	.	.
$1_2 = \chi_{1,1}$.	1	.	.	.	.	.	.	.	.	.	.	.
$1_3 = \chi_{1,2}$.	.	1	.	.	.	.	.	.	.	.	.	.
$1_4 = \chi_{1,3}$.	.	.	1	.	.	.	.	.	.	.	.	.
$1_5 = \chi_{1,4}$	1	.	.	.	.	.	.	.	.
$1_6 = \chi_{1,5}$	1	.	.	.	.	.	.	.
$72_1 = \chi_{2,0}$	1	.	.	.	.	.	1	.	.	.	.	.	.
$72_2 = \chi_{2,1}$.	1	.	.	.	.	.	1	.	.	.	.	.
$72_3 = \chi_{2,2}$.	.	1	.	.	.	.	.	1	.	.	.	.
$72_4 = \chi_{2,3}$.	.	.	1	.	.	.	.	.	1	.	.	.
$72_5 = \chi_{2,4}$	1	.	.	.	.	.	1	.	.
$72_6 = \chi_{2,5}$	1	.	.	.	.	.	1	.
$2646_1 = \chi_{9+}$	1
$2646_2 = \chi_{15+}$	1
$2646_3 = \chi_{21+}$	1
$2646_4 = \chi_{27+}$	1
$512_1 = \chi_{61,0}$	1	.	.	1
$512_2 = \chi_{61,1}$	1	.	.
$512_3 = \chi_{61,2}$	1	.
$512_4 = \chi_{61,3}$	1	.	.	.	.	.	.
$512_5 = \chi_{61,4}$	1	.	.	.	.	.
$512_6 = \chi_{61,5}$	1	.	.	.	.

(Block 1:)	$\varphi_{9,1}$	$\varphi_{9,2}$	$\varphi_{9,3}$	$\varphi_{9,4}$	$\varphi_{9,5}$		
$1_1 = \chi_{1,0}$	.	.	.	.	.	$\varphi_{1,0} =$	1_1
$1_2 = \chi_{1,1}$	.	.	.	.	.	$\varphi_{1,1} =$	1_2
$1_3 = \chi_{1,2}$	.	.	.	.	.	$\varphi_{1,2} =$	1_3
$1_4 = \chi_{1,3}$	.	.	.	.	.	$\varphi_{1,3} =$	1_4
$1_5 = \chi_{1,4}$	.	.	.	.	.	$\varphi_{1,4} =$	1_5
$1_6 = \chi_{1,5}$	.	.	.	.	.	$\varphi_{1,5} =$	1_6
$72_1 = \chi_{2,0}$	.	.	.	.	.	$\varphi_{2,0} =$	71_1
$72_2 = \chi_{2,1}$	.	.	.	.	.	$\varphi_{2,1} =$	71_2
$72_3 = \chi_{2,2}$	.	.	.	.	.	$\varphi_{2,2} =$	71_3
$72_4 = \chi_{2,3}$	.	.	.	.	.	$\varphi_{2,3} =$	71_4
$72_5 = \chi_{2,4}$	.	.	.	.	.	$\varphi_{2,4} =$	71_5
$72_6 = \chi_{2,5}$	.	.	.	.	.	$\varphi_{2,5} =$	71_6
$2646_1 = \chi_{9+}$	1	1	1	1	1	$\varphi_{9,0} =$	441_1
$2646_2 = \chi_{15+}$	1	1	1	1	1	$\varphi_{9,1} =$	441_2
$2646_3 = \chi_{21+}$	1	1	1	1	1	$\varphi_{9,2} =$	441_3
$2646_4 = \chi_{27+}$	1	1	1	1	1	$\varphi_{9,3} =$	441_4
$512_1 = \chi_{61,0}$	.	.	.	.	.	$\varphi_{9,4} =$	441_5
$512_2 = \chi_{61,1}$	1	.	.	.	.	$\varphi_{9,5} =$	441_6
$512_3 = \chi_{61,2}$	.	1	.	.	.		
$512_4 = \chi_{61,3}$	.	.	1	.	.		
$512_5 = \chi_{61,4}$	.	.	.	1	.		
$512_6 = \chi_{61,5}$	.	.	.	.	1		