

$L_3(7).2 \pmod{19}$

	blocks	defect	matrix
$G :$	1	1	9×6
	2	0	$57_1 = \chi_{3,0}, \varphi_{3,0}$
	3	0	$57_2 = \chi_{3,1}, \varphi_{3,1}$
	4	0	$152_1 = \chi_{4,0}, \varphi_{4,0}$
	5	0	$152_2 = \chi_{4,1}, \varphi_{4,1}$
	6	0	$304_1 = \chi_{5+}, \varphi_{5+}$
	7	0	$342_1 = \chi_{13,0}, \varphi_{8,0}$
	8	0	$342_2 = \chi_{13,1}, \varphi_{8,1}$
	9	0	$342_3 = \chi_{14,0}, \varphi_{9,0}$
	10	0	$342_4 = \chi_{14,1}, \varphi_{9,1}$
	11	0	$342_5 = \chi_{15,0}, \varphi_{10,0}$
	12	0	$342_6 = \chi_{15,1}, \varphi_{10,1}$
	13	0	$684_1 = \chi_{16+}, \varphi_{11+}$
	14	0	$684_2 = \chi_{18+}, \varphi_{13+}$
	15	0	$399_1 = \chi_{21,0}, \varphi_{15,0}$
	16	0	$399_2 = \chi_{21,1}, \varphi_{15,1}$

	blocks	defect	matrix
	17	0	$456_1 = \chi_{22,0}, \varphi_{16,0}$
	18	0	$456_2 = \chi_{22,1}, \varphi_{16,1}$
$3.G :$	19	0	$114_1 = \chi_{23+}, \varphi_{17+}$
	20	0	$114_2 = \chi_{24+}, \varphi_{18+}$
	21	1	9×3
	22	0	$684_3 = \chi_{34+}, \varphi_{22+}$
	23	0	$684_4 = \chi_{35+}, \varphi_{23+}$
	24	0	$684_5 = \chi_{36+}, \varphi_{24+}$
	25	0	$684_6 = \chi_{37+}, \varphi_{25+}$
	26	0	$684_7 = \chi_{38+}, \varphi_{26+}$
	27	0	$684_8 = \chi_{39+}, \varphi_{27+}$
	28	0	$684_9 = \chi_{40+}, \varphi_{28+}$
	29	0	$798_1 = \chi_{41+}, \varphi_{29+}$
	30	0	$798_2 = \chi_{42+}, \varphi_{30+}$
	31	0	$912_1 = \chi_{43+}, \varphi_{31+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{1,1}$	$\varphi_{2,0}$	$\varphi_{2,1}$	$\varphi_{7,0}$	$\varphi_{7,1}$	
$1_1 = \chi_{1,0}$	1	.	.	.	.	.
$1_2 = \chi_{1,1}$	.	1	.	.	.	.	$\varphi_{1,0} = 1_1$
$56_1 = \chi_{2,0}$	.	1	1	.	.	.	$\varphi_{1,1} = 1_2$
$56_2 = \chi_{2,1}$	1	.	.	1	.	.	$\varphi_{2,0} = 55_1$
$576_1 = \chi_{7+}$	.	.	.	.	1	1	$\varphi_{2,1} = 55_2$
$576_2 = \chi_{9+}$	.	.	.	.	1	1	$\varphi_{7,0} = 288_1$
$576_3 = \chi_{11+}$	.	.	.	.	1	1	$\varphi_{7,1} = 288_2$
$343_1 = \chi_{20,0}$	.	.	1	.	1	.	
$343_2 = \chi_{20,1}$	.	.	.	1	.	1	

Block 21:	φ_{19+}	φ_{20+}	φ_{21+}	
$192_1 = \chi_{25+}$	1	.	.	
$192_2 = \chi_{26+}$	.	1	.	
$192_3 = \chi_{27+}$	.	.	1	$\varphi_{19+} = 192_1$
$576_4 = \chi_{28+}$	1	1	1	$\varphi_{20+} = 192_2$
$576_5 = \chi_{29+}$	1	1	1	$\varphi_{21+} = 192_3$
$576_6 = \chi_{30+}$	1	1	1	
$576_7 = \chi_{31+}$	1	1	1	
$576_8 = \chi_{32+}$	1	1	1	
$576_9 = \chi_{33+}$	1	1	1	