

$A_{14} \pmod{13}$

	blocks	defect	matrix
$G :$	1	1	8×6
	2	0	$13_1 = \chi_2, \varphi_2$
	3	0	$78_1 = \chi_4, \varphi_4$
	4	0	$273_1 = \chi_5, \varphi_5$
	5	0	$286_1 = \chi_6, \varphi_6$
	6	0	$429_1 = \chi_7, \varphi_7$
	7	0	$637_1 = \chi_9, \varphi_9$
	8	0	$715_1 = \chi_{10}, \varphi_{10}$
	9	0	$1001_1 = \chi_{11}, \varphi_{11}$
	10	0	$1001_2 = \chi_{12}, \varphi_{12}$
	11	0	$1287_1 = \chi_{13}, \varphi_{13}$
	12	0	$1365_1 = \chi_{14}, \varphi_{14}$
	13	0	$1716_1 = \chi_{15}, \varphi_{16}$
	14	0	$2002_1 = \chi_{16}, \varphi_{17}$
	15	0	$4368_1 = \chi_{18}, \varphi_{19}$
	16	0	$4576_1 = \chi_{19}, \varphi_{20}$
	17	0	$5733_1 = \chi_{23}, \varphi_{22}$
	18	0	$6006_1 = \chi_{24}, \varphi_{23}$
	19	0	$6006_2 = \chi_{25}, \varphi_{24}$
	20	0	$6006_3 = \chi_{26}, \varphi_{25}$
	21	0	$6435_1 = \chi_{27}, \varphi_{26}$
	22	0	$7007_1 = \chi_{28}, \varphi_{27}$
	23	0	$7007_2 = \chi_{29}, \varphi_{28}$
	24	0	$7007_3 = \chi_{30}, \varphi_{29}$
	25	0	$7644_1 = \chi_{31}, \varphi_{30}$
	26	0	$9009_1 = \chi_{33}, \varphi_{31}$
	27	0	$12012_1 = \chi_{34}, \varphi_{32}$
	28	0	$12012_2 = \chi_{35}, \varphi_{33}$
	29	0	$13650_1 = \chi_{36}, \varphi_{34}$
	30	0	$14014_1 = \chi_{37}, \varphi_{35}$
	31	0	$14014_2 = \chi_{38}, \varphi_{36}$
	32	0	$14014_3 = \chi_{39}, \varphi_{37}$
	33	0	$15015_1 = \chi_{40}, \varphi_{38}$

	blocks	defect	matrix
	34	0	$15015_2 = \chi_{41}, \varphi_{39}$
	35	0	$15015_3 = \chi_{42}, \varphi_{40}$
	36	0	$15444_1 = \chi_{43}, \varphi_{41}$
	37	0	$16016_1 = \chi_{44}, \varphi_{42}$
	38	0	$20384_1 = \chi_{45}, \varphi_{43}$
	39	0	$21021_1 = \chi_{46}, \varphi_{44}$
	40	0	$21021_2 = \chi_{47}, \varphi_{45}$
	41	0	$21021_3 = \chi_{48}, \varphi_{46}$
	42	0	$21450_1 = \chi_{49}, \varphi_{47}$
	43	0	$21450_2 = \chi_{50}, \varphi_{48}$
	44	0	$23296_1 = \chi_{51}, \varphi_{49}$
	45	0	$24960_1 = \chi_{52}, \varphi_{50}$
	46	0	$27027_1 = \chi_{53}, \varphi_{51}$
	47	0	$27027_2 = \chi_{54}, \varphi_{52}$
	48	0	$28028_1 = \chi_{55}, \varphi_{53}$
	49	0	$28665_1 = \chi_{56}, \varphi_{54}$
	50	0	$29952_1 = \chi_{57}, \varphi_{55}$
	51	0	$29952_2 = \chi_{58}, \varphi_{56}$
	52	0	$34320_1 = \chi_{59}, \varphi_{57}$
	53	0	$34320_2 = \chi_{60}, \varphi_{58}$
	54	0	$35035_1 = \chi_{61}, \varphi_{59}$
	55	0	$35035_2 = \chi_{62}, \varphi_{60}$
	56	0	$36608_1 = \chi_{63}, \varphi_{61}$
	57	0	$42042_1 = \chi_{64}, \varphi_{62}$
	58	0	$42042_2 = \chi_{65}, \varphi_{63}$
	59	0	$47775_1 = \chi_{66}, \varphi_{64}$
	60	0	$48048_1 = \chi_{67}, \varphi_{65}$
	61	0	$48048_2 = \chi_{68}, \varphi_{66}$
	62	0	$50050_1 = \chi_{69}, \varphi_{67}$
	63	0	$63063_1 = \chi_{70}, \varphi_{68}$
	64	0	$64064_1 = \chi_{71}, \varphi_{69}$
	65	0	$69498_1 = \chi_{72}, \varphi_{70}$

Block 1:	φ_1	φ_3	φ_8	φ_{15}	φ_{18}	φ_{21}
$1_1 = \chi_1$	1	.	.	.	.	.
$77_1 = \chi_3$	1	1	.	.	.	.
$560_1 = \chi_8$	.	1	1	.	.	.
$2079_1 = \chi_{17}$	.	.	1	1	.	.
$4752_1 = \chi_{20}$	.	.	.	.	.	1
$4752_2 = \chi_{21}$	.	.	.	.	.	1
$4928_1 = \chi_{22}$	.	.	.	1	1	.
$8085_1 = \chi_{32}$	.	.	.	.	1	1

$$\begin{aligned}
\varphi_1 &= 1_1 \\
\varphi_3 &= 76_1 \\
\varphi_8 &= 484_1 \\
\varphi_{15} &= 1595_1 \\
\varphi_{18} &= 3333_1 \\
\varphi_{21} &= 4752_1
\end{aligned}$$