

$$Ru \pmod{29}$$

	blocks	defect	matrix
$G :$	1	1	16×14
	2	0	$406_1 = \chi_4, \varphi_4$
	3	0	$783_1 = \chi_5, \varphi_5$
	4	0	$3654_1 = \chi_7, \varphi_7$
	5	0	$21750_1 = \chi_9, \varphi_{12}$
	6	0	$23751_1 = \chi_{10}, \varphi_{14}$
	7	0	$27405_1 = \chi_{14}, \varphi_{17}$
	8	0	$43848_1 = \chi_{17}, \varphi_{19}$
	9	0	$43848_2 = \chi_{18}, \varphi_{20}$
	10	0	$43848_3 = \chi_{19}, \varphi_{21}$
	11	0	$52780_1 = \chi_{21}, \varphi_{22}$
	12	0	$63336_1 = \chi_{22}, \varphi_{23}$
	13	0	$65975_1 = \chi_{23}, \varphi_{24}$
	14	0	$71253_1 = \chi_{24}, \varphi_{25}$
	15	0	$75400_1 = \chi_{25}, \varphi_{27}$
	16	0	$76125_1 = \chi_{26}, \varphi_{28}$
	17	0	$81432_1 = \chi_{27}, \varphi_{29}$
	18	0	$91350_1 = \chi_{28}, \varphi_{31}$
	19	0	$95004_1 = \chi_{29}, \varphi_{32}$
	20	0	$105560_1 = \chi_{33}, \varphi_{33}$
	21	0	$118784_1 = \chi_{36}, \varphi_{34}$
$2.G :$	22	1	16×14
	23	0	$7308_1 = \chi_{47}, \varphi_{45}$
	$24 = \overline{23}$	0	$7308_2 = \chi_{48}, \varphi_{46}$
	25	0	$10556_1 = \chi_{51}, \varphi_{48}$
	$26 = \overline{25}$	0	$10556_2 = \chi_{52}, \varphi_{49}$
	27	0	$38976_1 = \chi_{54}, \varphi_{51}$
	$28 = \overline{27}$	0	$38976_2 = \chi_{55}, \varphi_{52}$
	29	0	$48256_1 = \chi_{56}, \varphi_{53}$
	30	0	$87696_1 = \chi_{57}, \varphi_{56}$
	31	0	$250560_1 = \chi_{61}, \varphi_{57}$

Block 1:	φ_1	φ_2	φ_3	φ_6	φ_8	φ_9	φ_{10}	φ_{11}	φ_{13}	φ_{15}	φ_{16}	φ_{18}	φ_{26}	φ_{30}
$1_1 = \chi_1$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$378_1 = \chi_2$	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$378_2 = \chi_3$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$3276_1 = \chi_6$	1	.	.	1	.	.	.	.	.	.	.	.	.	.
$20475_1 = \chi_8$	.	.	.	.	.	1	1	.	.	.	.	.	.	.
$27000_1 = \chi_{11}$	.	.	.	1	.	.	.	.	1	.	.	.	.	.
$27000_2 = \chi_{12}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$27000_3 = \chi_{13}$	.	.	.	.	1	.	.	1	.	.	.	.	.	.
$34944_1 = \chi_{15}$	.	.	.	.	.	1	.	.	.	.	1	.	.	.
$34944_2 = \chi_{16}$	.	.	.	.	1	.	.	.	.	.	.	1	.	.
$45500_1 = \chi_{20}$	.	1	1	.	.	.	.	1	.	1	.	.	.	.
$98280_1 = \chi_{30}$	.	.	.	.	.	.	1	.	.	.	.	.	.	1
$98280_2 = \chi_{31}$	.	.	.	.	.	.	.	.	1	.	.	.	1	.
$102400_1 = \chi_{32}$	.	.	.	.	.	.	.	.	.	.	.	1	1	.
$110592_1 = \chi_{34}$	.	.	.	.	.	.	.	.	.	1	.	.	.	1
$110592_2 = \chi_{35}$	.	.	.	.	.	.	.	.	.	1	.	.	.	1

$$\begin{array}{ll}
\varphi_1 = 1_1 & \varphi_{11} = 19901_1 \\
\varphi_2 = 378_1 & \varphi_{13} = 23725_1 \\
\varphi_3 = 378_2 & \varphi_{15} = 24843_1 \\
\varphi_6 = 3275_1 & \varphi_{16} = 27000_1 \\
\varphi_8 = 7099_1 & \varphi_{18} = 27845_1 \\
\varphi_9 = 7944_1 & \varphi_{26} = 74555_1 \\
\varphi_{10} = 12531_1 & \varphi_{30} = 85749_1
\end{array}$$

Block 22:	φ_{35}	φ_{36}	φ_{37}	φ_{38}	φ_{39}	φ_{40}	φ_{41}	φ_{42}	φ_{43}	φ_{44}	φ_{47}	φ_{50}	φ_{54}	φ_{55}
$28_1 = \chi_{37}$	1	.	.	.	.	.	.	.	.	.	.	.	.	.
$28_2 = \chi_{38}$	.	1	.	.	.	.	.	.	.	.	.	.	.	.
$1248_1 = \chi_{39}$	.	.	.	1	.	.	.	.	.	.	.	.	.	.
$1248_2 = \chi_{40}$	.	.	1	.	.	.	.	.	.	.	.	.	.	.
$3276_2 = \chi_{41}$	.	.	.	.	1	.	.	.	.	.	.	.	.	.
$3276_3 = \chi_{42}$	.	.	.	.	.	1	.	.	.	.	.	.	.	.
$4032_1 = \chi_{43}$	1	.	.	.	.	.	1	.	.	.	.	.	.	.
$4032_2 = \chi_{44}$	.	1	.	.	.	.	.	1	.	.	.	.	.	.
$7280_1 = \chi_{45}$	.	.	.	.	.	.	.	.	.	1	.	.	.	.
$7280_2 = \chi_{46}$	.	.	.	.	.	.	.	.	1	.	.	.	.	.
$8192_1 = \chi_{49}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$8192_2 = \chi_{50}$	.	.	.	.	.	.	.	.	.	.	1	.	.	.
$34944_3 = \chi_{53}$	.	.	.	.	.	.	.	.	.	.	.	1	.	.
$98280_3 = \chi_{58}$	.	.	.	1	.	.	1	.	.	1	.	.	1	.
$98280_4 = \chi_{59}$	.	.	1	.	.	.	.	1	1	.	.	.	.	1
$221184_1 = \chi_{60}$	.	.	.	.	1	1	.	.	.	.	1	1	1	1

$$\begin{array}{ll}
\varphi_{35} = 28_1 & \varphi_{42} = 4004_2 \\
\varphi_{36} = 28_2 & \varphi_{43} = 7280_1 \\
\varphi_{37} = 1248_1 & \varphi_{44} = 7280_2 \\
\varphi_{38} = 1248_2 & \varphi_{47} = 8192_1 \\
\varphi_{39} = 3276_1 & \varphi_{50} = 34944_1 \\
\varphi_{40} = 3276_2 & \varphi_{54} = 85748_1 \\
\varphi_{41} = 4004_1 & \varphi_{55} = 85748_2
\end{array}$$