

$$L_2(29).2 \pmod{29}$$

	blocks	defect	matrix
$G :$	$\begin{array}{c} 1 \\ 2 \\ 3 \end{array}$	$\begin{array}{c} 1 \\ 0 \\ 0 \end{array}$	$\begin{array}{l} 29 \times 28 \\ 29_1 = \chi_{11,0}, \varphi_{15,0} \\ 29_2 = \chi_{11,1}, \varphi_{15,1} \end{array}$
$2.G :$	4	1	$29 \times 28$

[illegible]

[illegible]

(Block 1:)	$\varphi_{13,1}$	$\varphi_{14,0}$	$\varphi_{14,1}$		
$1_1 = \chi_{1,0}$	.	.	.	$\varphi_{1,0} =$	$1_1$
$1_2 = \chi_{1,1}$	.	.	.	$\varphi_{1,1} =$	$1_2$
$30_1 = \chi_{2,+}$	.	.	.	$\varphi_{2,0} =$	$3_1$
$28_1 = \chi_{4,0}$	.	.	.	$\varphi_{2,1} =$	$3_2$
$28_2 = \chi_{4,1}$	.	.	.	$\varphi_{3,0} =$	$5_1$
$28_3 = \chi_{5,0}$	.	.	.	$\varphi_{3,1} =$	$5_2$
$28_4 = \chi_{5,1}$	.	.	.	$\varphi_{4,0} =$	$7_1$
$28_5 = \chi_{6,0}$	.	.	.	$\varphi_{4,1} =$	$7_2$
$28_6 = \chi_{6,1}$	.	.	.	$\varphi_{5,0} =$	$9_1$
$28_7 = \chi_{7,0}$	.	.	.	$\varphi_{5,1} =$	$9_2$
$28_8 = \chi_{7,1}$	1	.	.	$\varphi_{6,0} =$	$11_1$
$28_9 = \chi_{8,0}$	.	.	1	$\varphi_{6,1} =$	$11_2$
$28_{10} = \chi_{8,1}$	.	1	.	$\varphi_{7,0} =$	$13_1$
$28_{11} = \chi_{9,0}$	.	.	.	$\varphi_{7,1} =$	$13_2$
$28_{12} = \chi_{9,1}$	.	.	.	$\varphi_{8,0} =$	$15_1$
$28_{13} = \chi_{10,0}$	.	.	.	$\varphi_{8,1} =$	$15_2$
$28_{14} = \chi_{10,1}$	.	.	.	$\varphi_{9,0} =$	$17_1$
$30_2 = \chi_{12,0}$	.	.	.	$\varphi_{9,1} =$	$17_2$
$30_3 = \chi_{12,1}$	.	.	.	$\varphi_{10,0} =$	$19_1$
$30_4 = \chi_{13,0}$	.	.	.	$\varphi_{10,1} =$	$19_2$
$30_5 = \chi_{13,1}$	1	.	.	$\varphi_{11,0} =$	$21_1$
$30_6 = \chi_{14,0}$	.	.	.	$\varphi_{11,1} =$	$21_2$
$30_7 = \chi_{14,1}$	.	.	.	$\varphi_{12,0} =$	$23_1$
$30_8 = \chi_{15,0}$	.	.	.	$\varphi_{12,1} =$	$23_2$
$30_9 = \chi_{15,1}$	.	.	.	$\varphi_{13,0} =$	$25_1$
$30_{10} = \chi_{16,0}$	.	.	.	$\varphi_{13,1} =$	$25_2$
$30_{11} = \chi_{16,1}$	.	.	.	$\varphi_{14,0} =$	$27_1$
$30_{12} = \chi_{17,0}$	.	.	1	$\varphi_{14,1} =$	$27_2$
$30_{13} = \chi_{17,1}$	.	1	.		

<b>Block 4:</b>	$\varphi_{16,0}$	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{20,0}$	$\varphi_{20,1}$	$\varphi_{21,0}$
$28_{15} = \chi_{18+}$	.	.	.	.	.	.	.	.	.	.	.
$28_{16} = \chi_{20,0}$	.	.	.	1	.	.	.	.	.	.	.
$28_{17} = \chi_{20,1}$	.	.	1	.	.	.	.	.	.	.	.
$28_{18} = \chi_{21,0}$	.	.	.	.	.	.	1	.	.	.	.
$28_{19} = \chi_{21,1}$	.	.	.	.	.	.	.	1	.	.	.
$28_{20} = \chi_{22,0}$	.	1	.	.	.	.	.	.	.	.	.
$28_{21} = \chi_{22,1}$	1	.	.	.	.	.	.	.	.	.	.
$28_{22} = \chi_{23,0}$	.	.	.	.	.	.	.	.	1	.	.
$28_{23} = \chi_{23,1}$	.	.	.	.	.	.	.	.	.	1	.
$28_{24} = \chi_{24,0}$	.	.	.	.	.	.	.	.	.	.	1
$28_{25} = \chi_{24,1}$	.	.	.	.	.	.	.	.	.	.	.
$28_{26} = \chi_{25,0}$	.	.	.	.	.	.	.	.	.	.	.
$28_{27} = \chi_{25,1}$	.	.	.	.	.	.	.	.	.	.	.
$28_{28} = \chi_{26,0}$	.	.	.	.	.	1	.	.	.	.	.
$28_{29} = \chi_{26,1}$	.	.	.	.	1	.	.	.	.	.	.
$30_{14} = \chi_{27,0}$	.	.	.	.	.	.	1	.	.	.	.
$30_{15} = \chi_{27,1}$	.	.	.	.	.	.	.	1	.	.	.
$30_{16} = \chi_{28,0}$	1	.	.	.	.	.	.	.	.	.	.
$30_{17} = \chi_{28,1}$	.	1	.	.	.	.	.	.	.	.	.
$30_{18} = \chi_{29,0}$	.	.	.	1	.	.	.	.	.	.	.
$30_{19} = \chi_{29,1}$	.	.	1	.	.	.	.	.	.	.	.
$30_{20} = \chi_{30,0}$	.	.	.	.	.	.	.	.	1	.	.
$30_{21} = \chi_{30,1}$	.	.	.	.	.	.	.	.	.	1	.
$30_{22} = \chi_{31,0}$	.	.	.	.	.	.	.	.	.	.	.
$30_{23} = \chi_{31,1}$	.	.	.	.	.	.	.	.	.	.	.
$30_{24} = \chi_{32,0}$	.	.	.	.	.	.	.	.	.	.	.
$30_{25} = \chi_{32,1}$	.	.	.	.	.	.	.	.	.	.	1
$30_{26} = \chi_{33,0}$	.	.	.	.	.	1	.	.	.	.	.
$30_{27} = \chi_{33,1}$	.	.	.	.	1	.	.	.	.	.	.

[illegible]

(Block 4:)	$\varphi_{27,0}$	$\varphi_{27,1}$	$\varphi_{28,0}$	$\varphi_{28,1}$	$\varphi_{29,0}$	$\varphi_{29,1}$		
$28_{15} = \chi_{18+}$	.	.	.	.	.	.	$\varphi_{16,0} =$	$2_1$
$28_{16} = \chi_{20,0}$	1	.	.	.	.	.	$\varphi_{16,1} =$	$2_2$
$28_{17} = \chi_{20,1}$	.	1	.	.	.	.	$\varphi_{17,0} =$	$4_1$
$28_{18} = \chi_{21,0}$	.	.	.	.	.	.	$\varphi_{17,1} =$	$4_2$
$28_{19} = \chi_{21,1}$	.	.	.	.	.	.	$\varphi_{18,0} =$	$6_1$
$28_{20} = \chi_{22,0}$	.	.	1	.	.	.	$\varphi_{18,1} =$	$6_2$
$28_{21} = \chi_{22,1}$	.	.	.	1	.	.	$\varphi_{19,0} =$	$8_1$
$28_{22} = \chi_{23,0}$	.	.	.	.	.	.	$\varphi_{19,1} =$	$8_2$
$28_{23} = \chi_{23,1}$	.	.	.	.	.	.	$\varphi_{20,0} =$	$10_1$
$28_{24} = \chi_{24,0}$	.	.	.	.	.	.	$\varphi_{20,1} =$	$10_2$
$28_{25} = \chi_{24,1}$	.	.	.	.	.	.	$\varphi_{21,0} =$	$12_1$
$28_{26} = \chi_{25,0}$	.	.	.	.	.	1	$\varphi_{21,1} =$	$12_2$
$28_{27} = \chi_{25,1}$	.	.	.	.	1	.	$\varphi_{22,0} =$	$14_1$
$28_{28} = \chi_{26,0}$	.	.	.	.	.	.	$\varphi_{22,1} =$	$14_2$
$28_{29} = \chi_{26,1}$	.	.	.	.	.	.	$\varphi_{23,0} =$	$16_1$
$30_{14} = \chi_{27,0}$	.	.	.	.	.	.	$\varphi_{23,1} =$	$16_2$
$30_{15} = \chi_{27,1}$	.	.	.	.	.	.	$\varphi_{24,0} =$	$18_1$
$30_{16} = \chi_{28,0}$	.	.	.	.	.	1	$\varphi_{24,1} =$	$18_2$
$30_{17} = \chi_{28,1}$	.	.	.	.	1	.	$\varphi_{25,0} =$	$20_1$
$30_{18} = \chi_{29,0}$	.	.	1	.	.	.	$\varphi_{25,1} =$	$20_2$
$30_{19} = \chi_{29,1}$	.	.	.	1	.	.	$\varphi_{26,0} =$	$22_1$
$30_{20} = \chi_{30,0}$	.	.	.	.	.	.	$\varphi_{26,1} =$	$22_2$
$30_{21} = \chi_{30,1}$	.	.	.	.	.	.	$\varphi_{27,0} =$	$24_1$
$30_{22} = \chi_{31,0}$	.	.	.	.	.	.	$\varphi_{27,1} =$	$24_2$
$30_{23} = \chi_{31,1}$	.	.	.	.	.	.	$\varphi_{28,0} =$	$26_1$
$30_{24} = \chi_{32,0}$	.	.	.	.	.	.	$\varphi_{28,1} =$	$26_2$
$30_{25} = \chi_{32,1}$	.	.	.	.	.	.	$\varphi_{29,0} =$	$28_1$
$30_{26} = \chi_{33,0}$	1	.	.	.	.	.	$\varphi_{29,1} =$	$28_2$
$30_{27} = \chi_{33,1}$	.	1	.	.	.	.		