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

	blocks	defect	matrix
G:	1 2 3	1 0 0	29×28 $29_1 = \chi_{11,0}, \varphi_{15,0}$ $29_2 = \chi_{11,1}, \varphi_{15,1}$
2.G:	4	1	29×28

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

(Block 1:)	$\varphi_{7,1}$	$\varphi_{8,0}$	$\varphi_{8,1}$	$\varphi_{9,0}$	$\varphi_{9,1}$	$\varphi_{10,0}$	$\varphi_{10,1}$	$\varphi_{11,0}$	$\varphi_{11,1}$	$\varphi_{12,0}$	$\varphi_{12,1}$	$\varphi_{13,0}$
$1_1 = \chi_{1,0}$												
$1_2 = \chi_{1,1}$												
$30_1 = \chi_{2+}$		1	1									
$28_1 = \chi_{4,0}$				•			1					•
$28_2 = \chi_{4,1}$						1						
$28_3 = \chi_{5,0}$											1	
$28_4 = \chi_{5,1}$										1		•
$28_5 = \chi_{6,0}$				1								
$28_6 = \chi_{6,1}$			•	•	1	•	•	•	•	•		•
$28_7 = \chi_{7,0}$				•			•	•		•		1
$28_8 = \chi_{7,1}$				•			•	•			•	•
$28_9 = \chi_{8,0}$		•		•							•	
$28_{10} = \chi_{8,1}$		•		•	•	•		•		•	•	•
$28_{11} = \chi_{9,0}$			1	•	•	•	•			•	•	•
$28_{12} = \chi_{9,1}$	1	1	•	•	•	•	•		•	•	•	•
$28_{13} = \chi_{10,0}$	•	•	•	•	•	•	•	1		•	•	•
$28_{14} = \chi_{10,1}$		•	•	•	•		•	•	1	•		•
$30_2 = \chi_{12,0}$		•	•	•	٠	•	•		1	•	•	•
$30_3 = \chi_{12,1}$	•	•	•	•	•	•		1		•	•	
$30_4 = \chi_{13,0}$	•	•	•	•	•	•		•	•	•	٠	1
$30_5 = \chi_{13,1}$		•	•	. 1	•	•	•	•	•	•	•	•
$30_6 = \chi_{14,0}$	1	•	•	1	. 1	•	•	•	•	•	•	•
$30_7 = \chi_{14,1}$		•	•	•	1	•	•	•	•	•	1	•
$30_8 = \chi_{15,0}$		•	•	•	•		•	•	•	1	1	•
$30_9 = \chi_{15,1}$	•	•	•	•	•	1	•	•	•	1	•	•
$30_{10} = \chi_{16,0}$ $30_{11} = \chi_{16,1}$	•	•	•	•	•	1	1	•	•	•	•	•
$30_{11} = \chi_{16,1} 30_{12} = \chi_{17,0}$	•	•	•	•	•	•	1	•	•	•	•	•
$30_{12} = \chi_{17,0}$ $30_{13} = \chi_{17,1}$		•	•	•	•	•	•	•	•	•	•	•
$-\frac{5013 - \chi_{17,1}}{-}$		•	•	•	•	·	•	•	•	•	•	•

(Block 1:)	$\varphi_{13,1}$	$\varphi_{14,0}$	$\varphi_{14,1}$			
$1_1 = \chi_{1,0}$		_	_	$\varphi_{1,0}$	=	1
$1_2 = \chi_{1,1}$				$arphi_{1,1}$	=	1
$30_1 = \chi_{2+}$				$arphi_{2,0}$	=	
$28_1 = \chi_{4,0}$				$\varphi_{2,1}$	=	
$28_2 = \chi_{4,1}$				$arphi_{3,0}$	=	
$28_3 = \chi_{5,0}$				$arphi_{3,1}$	=	
$28_4 = \chi_{5,1}$				$\varphi_{4,0}$	=	7
$28_5 = \chi_{6,0}$		•	•	$\varphi_{4,1}$	=	7
$28_6 = \chi_{6,1}$				$arphi_{5,0}$	=	ć
$28_7 = \chi_{7,0}$				$arphi_{5,1}$	=	(
$28_8 = \chi_{7,1}$	1			$arphi_{6,0}$	=	1
$28_9 = \chi_{8,0}$		•	1	$\varphi_{6,1}$	=	1
$28_{10} = \chi_{8,1}$		1	_	$\varphi_{7,0}$	=	1
$28_{11} = \chi_{9,0}$		-	•	$\varphi_{7,1}$	=	1
$28_{12} = \chi_{9,1}$ $28_{12} = \chi_{9,1}$	•	•	•	$arphi_{8,0}$	=	1
$28_{13} = \chi_{9,1}$ $28_{13} = \chi_{10,0}$		•	•	$\varphi_{8,1}$	=	1
$28_{14} = \chi_{10,1}$		•	•	$arphi_{9,0}$	=	1
$2014 - \chi_{10,1}$ $30_2 - \chi_{12,2}$		•	•	$arphi_{9,1}$	=	1
$30_2 = \chi_{12,0}$		•	•	$arphi_{10,0}$	=	1
$30_3 = \chi_{12,1}$		•	•	$\varphi_{10,1}$	=	1
$30_4 = \chi_{13,0}$	1	•	•	$\varphi_{11,0}$	=	2
$30_5 = \chi_{13,1}$	1	•	•	$arphi_{11,1}$	=	2
$30_6 = \chi_{14,0}$		•	•	$\varphi_{12,0}$	=	2
$30_7 = \chi_{14,1}$		•	•	$\varphi_{12,1}$	=	2
$30_8 = \chi_{15,0}$		•	•	$\varphi_{13,0}$	=	2
$30_9 = \chi_{15,1}$		•		$\varphi_{13,1}$	=	2
$30_{10} = \chi_{16,0}$		•	•	$\varphi_{14,0}$	=	2
$30_{11} = \chi_{16,1}$		•	. 1	$\varphi_{14,1}$	=	2
$30_{12} = \chi_{17,0}$. 1	1	,,-		
$30_{13} = \chi_{17,1}$		1				

Block 4:	$\varphi_{16,0}$	$\varphi_{16,1}$	$\varphi_{17,0}$	$\varphi_{17,1}$	$\varphi_{18,0}$	$\varphi_{18,1}$	$\varphi_{19,0}$	$\varphi_{19,1}$	$\varphi_{20,0}$	$\varphi_{20,1}$	$\varphi_{21,0}$
$28_{15} = \chi_{18+}$											
$28_{16} = \chi_{20,0}$		•	•	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						

(Block 4:)	$\varphi_{21,1}$	$\varphi_{22,0}$	$\varphi_{22,1}$	$\varphi_{23,0}$	$\varphi_{23,1}$	$\varphi_{24,0}$	$\varphi_{24,1}$	$\varphi_{25,0}$	$\varphi_{25,1}$	$\varphi_{26,0}$	$\varphi_{26,1}$
$28_{15} = \chi_{18+}$		1	1								•
$28_{16} = \chi_{20,0}$		•				•		•			
$28_{17} = \chi_{20,1}$						•					
$28_{18} = \chi_{21,0}$									1		
$28_{19} = \chi_{21,1}$		•						1			
$28_{20} = \chi_{22,0}$		•	•	•	•	•	•	•		•	
$28_{21} = \chi_{22,1}$		•	•	•	•	•	•	•		•	
$28_{22} = \chi_{23,0}$		•	•	•	•	•	1	•		•	
$28_{23} = \chi_{23,1}$		•	•	•	•	1	•	•	•	•	
$28_{24} = \chi_{24,0}$		•	•	•	1	•	•	•	•	•	
$28_{25} = \chi_{24,1}$	1	•	•	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	
$30_{16} = \chi_{28,0}$		•			•	•	•	•			
$30_{17} = \chi_{28,1}$		•			•	•	•	•			
$30_{18} = \chi_{29,0}$		•			•	•	•	•			
$30_{19} = \chi_{29,1}$		•			•	•	•	•	•		
$30_{20} = \chi_{30,0}$		•			•	•	•	•	1		
$30_{21} = \chi_{30,1}$		•						1			
$30_{22} = \chi_{31,0}$			1	1							
$30_{23} = \chi_{31,1}$		1			1						
$30_{24} = \chi_{32,0}$	1	•	٠	•	•	1		•	•	•	•
$30_{25} = \chi_{32,1}$		•	٠	•	•	•	1	•	•	•	•
$30_{26} = \chi_{33,0}$		•	•	•	•	•	•	•	•	•	
$30_{27} = \chi_{33,1}$		•	٠	•	•	•	•	•	•	•	

(Block 4:)	$\varphi_{27,0}$	$\varphi_{27,1}$	$\varphi_{28,0}$	$\varphi_{28,1}$	$\varphi_{29,0}$	$\varphi_{29,1}$		
$28_{15} = \chi_{18+}$							$\varphi_{16,0}$	=
$28_{16} = \chi_{20,0}$	1						$\varphi_{16,1}$	=
$28_{17} = \chi_{20,1}$	_	1					$\varphi_{17,0}$	=
$28_{18} = \chi_{21,0}$		-					$\varphi_{17,1}$	=
$28_{19} = \chi_{21,1}$							$\varphi_{18,0}$	=
$28_{20} = \chi_{22,0}$			1				$\varphi_{18,1}$	=
$28_{21} = \chi_{22,1}$			_	1			$\varphi_{19,0}$	=
$28_{22} = \chi_{23,0}$				-			$\varphi_{19,1}$	=
$28_{23} = \chi_{23,1}$							$\varphi_{20,0}$	=
$28_{24} = \chi_{24,0}$		·	•	•	•	•	$\varphi_{20,1}$	=
$28_{25} = \chi_{24,1}$			•	•	•	•	$\varphi_{21,0}$	=
$28_{26} = \chi_{25,0}$		•	•	•	•	1	$\varphi_{21,1}$	=
$28_{27} = \chi_{25,1}$		•	•	•	1	1	$\varphi_{22,0}$	=
$28_{28} = \chi_{26,0}$		•	•	•	_	•	$\varphi_{22,1}$	=
$28_{28} - \chi_{26,0}$ $28_{22} - \chi_{26,1}$		•	•	•	•	•	$\varphi_{23,0}$	=
$28_{29} = \chi_{26,1}$ $30_{14} = \chi_{27,2}$		•	•	•	•	•	$\varphi_{23,1}$	=
$80_{14} = \chi_{27,0}$		•	•	•	•	•	$\varphi_{24,0}$	=
$30_{15} = \chi_{27,1}$		•	•	•	•	1	$\varphi_{24,1}$	=
$30_{16} = \chi_{28,0}$		•	•	•	1	1	$\varphi_{25,0}$	=
$80_{17} = \chi_{28,1}$		•	1	•	1	•	$\varphi_{25,1}$	=
$30_{18} = \chi_{29,0}$		•	1	1	•	•	$\varphi_{26,0}$	=
$30_{19} = \chi_{29,1}$		•	•	1	•	•	$\varphi_{26,1}$	=
$30_{20} = \chi_{30,0}$		•	•	•	•	•	$\varphi_{27,0}$	=
$30_{21} = \chi_{30,1}$		•	•	•	•	•	$\varphi_{27,1}$	=
$30_{22} = \chi_{31,0}$		•	•	•	•	•	$\varphi_{28,0}$	=
$30_{23} = \chi_{31,1}$		•	•	•	•	•	$\varphi_{28,1}$	=
$30_{24} = \chi_{32,0}$		•	•	•	•	•	$\varphi_{29,0}$	=
$30_{25} = \chi_{32,1}$		•				•	$\varphi_{29,0}$ $\varphi_{29,1}$	=
$30_{26} = \chi_{33,0}$	1	•				•	¥29,1	
$30_{27} = \chi_{33,1}$		1						