$$PGL_2(\mathbf{F}_7)$$

GRD	Polynomial	Slope Data			
27.35	$x^8 - x^7 + 3x^6 - 3x^5 + 2x^4 - 2x^3 + 5x^2 + 5x + 1$	$53\ [\ ]_6$			
30.46	$x^8 - 4x^6 - 8x^5 + 32x^3 + 16x^2 - 1$	$2\ \left[\frac{8}{3}, \frac{8}{3}\right]_3$	$3\ [\ ]_7$	$7\ [\ ]_2$	
31.49	$x^8 - 2x^7 + 7x^4 - 14x^2 + 8x + 5$	$2\ \left[\frac{4}{3}, \frac{4}{3}\right]_3$	$7\ \left[\frac{3}{2}\right]_2$		
31.60	$x^8 - 4x^7 + 21x^4 - 18x + 9$	$2\ \left[\frac{4}{3}, \frac{4}{3}\right]_3$	$3\ [\ ]_7$	$7\ [\ ]_8$	
31.64	$x^8 - 6x^4 - 48x^3 - 72x^2 - 48x - 9$	$2\ \left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$3\ [\ ]_7$		
35.49	$x^8 - x^6 - 3x^5 - x^4 + 4x^3 + 4x^2 - 2x - 1$	$5\ [\ ]_3$	$7\ [\ ]_3$	$11\ [\ ]_2$	
35.82	$x^8 - x^7 + 7x^6 + 7x^5 - 7x^4 + 49x^3 - 35x^2 + 41x - 20$	$2\ [\ ]_7$	$3\ \left[\frac{3}{2}\right]_2$	$7\ [\ ]_8$	
38.05	$x^8 - 2x^7 + x^6 + 4x^5 - x^4 + 6x^3 + 3x^2 - 8x + 4$	$2\ [3]$	$181\ [\ ]_2$		
39.62	$x^8 - 4x^7 + 14x^4 - 8x + 4$	$2\ \left[\frac{8}{3}, \frac{8}{3}\right]_3$	$7\ \left[\frac{7}{6}\right]_6$		
39.67	$x^8 - 2x^7 + 14x^4 - 16x + 4$	$2\ [2, 2]$	$7\ \left[\frac{3}{2}\right]_2$		
39.79	$x^8 - x^7 - 4x^5 + 8x^3 + 2x^2 - 2$	$2\ [\ ]_7$	$3\ [\ ]_2$	$5\ [\ ]_6$	$11\ [\ ]_2$
41.34	$x^8 - x^7 + x^6 + 4x^5 - x^4 - 3x^3 + 5x^2 - 2x + 1$	$1709\ [\ ]_2$			
42.43	$x^8 - 2x^7 - 3x^5 + 6x^4 + 3x^3 - 3x^2 + 3$	$3\ [\ ]_7$	$29\ [\ ]_6$		
42.59	$x^8 - x^7 - 7x^6 + 7x^2 - 27x - 1$	$2\ [\ ]_3$	$7\ \left[\frac{11}{6}\right]_6$		
43.23	$x^8 - 14x^5 - 35x^4 - 42x^3 - 14x^2 - 16x - 14$	$2\ [2, 2]$	$3\ [\ ]_2$	$7\ \left[\frac{7}{6}\right]_6$	
43.65	$x^8 - 3x^7 + 7x^4 - 7x^2 - x - 4$	$7\ \left[\frac{7}{6}\right]_6$	$11\ [\ ]_3$		
44.25	$x^8 + x^7 - 7x^4 + 8x + 1$	$5\ [\ ]_2$	$7\ [\ ]_8$	$13\ [\ ]_2$	
44.30	$x^8 + 2x^7 - 7x^4 + 4x + 1$	$2\ \left[\frac{4}{3}, \frac{4}{3}\right]_3$	$5\ [\ ]_2$	$7\ \left[\frac{7}{6}\right]_6$	
44.45	$x^8 - 16x^5 + 42x^4 - 96x^3 + 136x^2 - 48x - 33$	$2\ \left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$3\ \left[\frac{3}{2}\right]_2$		
44.46	$x^8 - 2x^6 - 2x^5 + 6x^4 + 8x^3 + 5x^2 + x + 1$	$3\ [\ ]_2$	$659\ [\ ]_2$		