$$\mathbf{GL}_2(\mathbf{F}_3)$$

GRD	Polynomial	Slope Data		
16.52	$x^8 - 4x^7 + 8x^6 - 8x^5 + 6x^3 - 2x^2 - 2$ $x^8 - 4x^7 + 10x^6 - 14x^5 + 10x^4 + 2x^3 - 10x^2 + 8x - 2$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$43\,[\ ]_2$	
16.82	$x^8 - x^7 + x^6 - 2x^5 + x^4 - 9x^3 + 7x^2 - 6x + 1$ $x^8 - 3x^7 + 4x^6 - 8x^5 + 8x^4 - x^3 + 2x^2 - 3x - 1$	$283\,[\ ]_2$		
17.29	$x^8 - 4x^7 + 7x^6 - 7x^5 + 4x^4 - x^3 + 4x^2 - 4x + 1$ $x^8 - x^7 + 4x^6 - 4x^5 - 2x^4 - 4x^3 - 5x^2 - x + 1$	$3\,[\ ]_8$	$17\,[\ ]_3$	
17.82	$x^8 - 4x^7 + 7x^6 - 7x^5 + 7x^4 - 7x^3 + 2x^2 + x - 1$ $x^8 - x^7 + x^6 - 2x^5 - x^4 - 2x^3 + x^2 - x + 1$	$3\left[\frac{3}{2}\right]_2$	$11\,[\ ]_3$	
18.19	$x^8 - 2x^7 + 3x^6 - 7x^4 + 17x^3 - 17x^2 + 11x - 1$ $x^8 - 4x^7 + 5x^6 - x^5 - 3x^4 + 3x^3 - x - 1$	$331\,[\ ]_2$		
18.88	$x^8 - 2x^6 - 2x^5 - 2x^3 - 2x^2 + 1$ $x^8 - 6x^4 + 4x^2 - 3$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\left[\frac{5}{2}\right]_2$	
19.27	$x^8 - 6x^4 - 12x^2 - 3$ $x^8 - 6x^6 + 12x^4 - 6x^3 - 6x^2 + 18x - 3$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\,[\ ]_8$	$5\,[\ ]_3$
19.65	$x^8 - 2x^7 + 4x^6 - 12x^5 + 16x^4 - 18x^3 + 10x^2 - 1$ $x^8 - 2x^7 + 6x^6 - 12x^5 + 16x^4 - 10x^3 - 4x^2 + 4x - 1$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$43\,[\ ]_2$	
20.54	$x^8 + 22x^4 - 44x^3 - 44x - 99$ $x^8 - 22x^4 + 44x^2 - 11$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$11\,[\ ]_8$	
20.87	$x^8 - 4x^7 + 7x^6 - 7x^5 + 2x^4 + 3x^3 + 4x^2 - 6x - 2$ $x^8 - 4x^7 + 7x^6 - 7x^5 - 17x^4 + 41x^3 - 34x^2 + 13x - 2$	$2\,[\ ]_3$	$19\,[\ ]_8$	
21.91	$x^8 - 4x^7 + 7x^6 - 7x^5 + 4x^4 - x^3 - 4x^2 + 4x - 1$ $x^8 - 4x^7 + 5x^6 - x^5 - 2x^4 + x^3 + 4x^2 - 4x - 1$	$3\left[\frac{5}{2}\right]_2$	$5\,[\ ]_3$	
22.16	$x^8 - 2x^7 - x^5 + 7x^3 + x - 9$ $x^8 - 3x^7 + 7x^6 - 10x^5 + 11x^4 - 5x^3 + 3x^2 - 2x - 3$	$491\,[\ ]_2$		
22.46	$x^8 - 6x^4 - 4x^2 - 3$ $x^8 - 4x^6 + 12x^2 - 12$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\left[\frac{5}{2}\right]_2$	
22.88	$x^8 - 5x^6 + 6x^4 + 3x^2 - 1$ $x^8 + 5x^6 + 6x^4 - 3x^2 - 1$	$2\,[2, 2]$	$23\,[\ ]_3$	
22.91	$x^8 - 2x^7 - 2x^6 + 4x^5 + 4x^4 - 2x^3 - 32x^2 + 16x - 5$ $x^8 - 6x^4 + 12x^2 - 3$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\,[\ ]_8$	$5\,[\ ]_3$
22.95	$x^8 - 4x^7 + 7x^6 - 7x^5 - 2x^4 + 11x^3 - 2x^2 - 4x - 2$ $x^8 - 4x^7 + x^6 + 11x^5 - 11x^4 - x^3 + 4x^2 - x - 2$	$2\,[\ ]_3$	$3\,[\ ]_8$	$13\,[\ ]_3$
23.07	$x^8 - 4x^7 + 7x^6 - 6x^5 - 3x^4 + 9x^3 - x^2 - 5x - 1$ $x^8 + 2x^6 - 2x^5 - 3x^4 - 7x^3 - 11x^2 - 6x - 1$	$3\left[\frac{3}{2}\right]_2$	$41\,[\ ]_2$	
23.07	$x^8 - x^7 + x^6 + 5x^5 - 11x^4 + 8x^3 - 7x^2 + 4x - 1$ $x^8 - 2x^7 + 2x^6 - x^5 + 2x^4 + x^3 - 5x^2 + 4x - 1$	$3\left[\frac{3}{2}\right]_2$	$41\,[\ ]_2$	
23.73	$x^8 - 2x^7 + 3x^6 + x^5 - 4x^4 + 12x^3 - 7x^2 + 2x - 9$ $x^8 - x^7 - 2x^6 + 6x^5 - 11x^3 + 5x^2 + 8x - 3$	$563\,[\ ]_2$		
24.11	$x^8 - 4x^7 + 4x^6 + 2x^5 - 8x^4 + 2x^3 + 4x^2 - 4x + 1$ $x^8 - 2x^7 - 2x^6 - 2x^5 + 4x^4 + 22x^3 + 10x^2 - 26x - 17$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\,[\ ]_8$	$7\,[\ ]_3$
24.43	$x^8 - 22x^4 - 44x^2 - 11$ $x^8 - 22x^5 - 44x^4 - 88x^3 - 66x^2 - 44x + 22$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$11\,[\ ]_8$	
25.20	$x^8 - 4x^7 + 4x^6 - 16x^5 + 10x^4 - 16x^3 + 4x^2 - 4x + 1$ $x^8 - 2x^7 - 2x^6 + 16x^5 - 20x^4 + 16x^3 - 2x^2 - 2x + 1$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\,[\ ]_8$	$5\,[\ ]_6$

GRD	Polynomial	Slope Data
25.36	$x^8 - 2x^7 + 3x^6 + x^5 - 7x^4 + 18x^3 - 12x^2 + 4x - 1$ $x^8 - x^7 - x^6 + 5x^5 - 3x^4 + 2x^3 - 6x^2 + 9x - 1$	$643\ [\ ]_2$
25.68	$x^8 + 6x^4 + 8x^2 - 3$ $x^8 + 8x^6 + 18x^4 - 3$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3 \quad 3\ \left[\frac{3}{2}\right]_2$
25.68	$x^8 - 4x^7 + 4x^6 - 20x^2 - 16x - 2$ $x^8 - 8x^6 + 6x^4 - 3$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3 \quad 3\ \left[\frac{3}{2}\right]_2$
25.68	$x^8 - 8x^6 + 18x^4 - 3$ $x^8 + 6x^4 - 8x^2 - 3$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3 \quad 3\ \left[\frac{3}{2}\right]_2$
25.68	$x^8 + 8x^6 + 6x^4 - 3$ $x^8 - 4x^7 + 4x^6 - 24x^3 + 20x^2 - 8x + 2$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3 \quad 3\ \left[\frac{3}{2}\right]_2$
26.57	$x^8 - x^7 - 7x^6 + 5x^5 + 19x^4 - 8x^3 - 14x^2 + 11x - 13$ $x^8 - 4x^7 + 7x^6 - 7x^5 - 8x^4 + 23x^3 + 8x^2 - 20x - 7$	$3\ \left[\frac{3}{2}\right]_2 \quad\quad 11\ [\ ]_6$
27.17	$x^8 - 4x^7 + 4x^6 + 2x^5 - 14x^4 - 22x^3 - 14x^2 + 20x + 22$ $x^8 - 6x^4 - 24x^2 - 51$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3 \quad 3\ [\ ]_8 \quad\quad 17\ [\ ]_2$
27.17	$x^8 - 4x^7 - 2x^6 + 14x^5 + 16x^4 + 14x^3 - 2x^2 - 4x + 1$ $x^8 - 2x^7 + 4x^6 - 8x^5 + 4x^4 - 8x^3 + 4x^2 - 2x + 1$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3 \quad 3\ [\ ]_8 \quad\quad 17\ [\ ]_2$
27.30	$x^8 - 4x^7 + 4x^6 + 2x^5 + 10x^4 - 28x^3 + 28x^2 - 13x + 1$ $x^8 - 3x^7 + 6x^6 - 6x^5 + 12x^3 - 18x^2 + 12x - 3$	$3\ [\ ]_8 \quad\quad 109\ [\ ]_2$
27.30	$x^8 - 4x^7 + 10x^6 - 16x^5 + 10x^4 + 2x^3 + 10x^2 - 13x - 8$ $x^8 - 3x^7 + 6x^6 - 12x^5 + 6x^4 - 18x^3 + 18x^2 - 3x - 3$	$3\ [\ ]_8 \quad\quad 109\ [\ ]_2$
27.40	$x^8 - 2x^7 + 2x^6 - 4x^5 - 4x^4 + 20x^3 - 14x^2 + 13x - 4$ $x^8 - x^7 - 2x^6 + 4x^5 - 9x^4 + 17x^3 - 21x^2 + 7x - 4$	$751\ [\ ]_2$
27.42	$x^8 - x^7 - 3x^6 + 2x^5 + 4x^4 + 3x^3 - 5x^2 - 7x - 3$ $x^8 - 6x^4 - x^2 - 3$	$3\ \left[\frac{5}{2}\right]_2 \quad\quad 7\ [\ ]_3$
27.72	$x^8 - 4x^7 + 7x^6 - 7x^5 - 2x^4 + 11x^3 + 10x^2 - 16x + 1$ $x^8 - 4x^7 + 10x^6 - 7x^5 - 5x^4 + 23x^3 + 58x^2 - 316x + 259$	$3\ [\ ]_8 \quad\quad 17\ [\ ]_6$
27.79	$x^8 + 2x^6 + 2x^4 - 8x^2 - 43$ $x^8 + 6x^6 + 10x^4 - 12x^2 - 43$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3 \quad 43\ [\ ]_2$
27.79	$x^8 - 6x^6 + 10x^4 + 12x^2 - 43$ $x^8 - 2x^6 + 2x^4 + 8x^2 - 43$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3 \quad 43\ [\ ]_2$
28.62	$x^8 - 4x^7 - 2x^6 + 16x^5 + 12x^4 - 10x^3 - 38x^2 - 68x - 38$ $x^8 - 4x^7 + 4x^6 - 6x^5 + 22x^4 - 50x^3 + 150x^2 - 204x + 46$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3 \quad 3\ [\ ]_2 \quad\quad 43\ [\ ]_2$
28.65	$x^8 - 3x^6 - 2x^5 + 15x^4 + 3x^3 - 15x^2 - 9x + 9$ $x^8 - 4x^7 + 7x^6 - 7x^5 + 10x^4 - 13x^3 + 22x^2 - 16x + 1$	$3\ \left[\frac{5}{2}\right]_2 \quad\quad 5\ [\ ]_6$
28.68	$x^8 - 2x^7 + 4x^6 + 10x^5 - 2x^4 + 10x^3 + 4x^2 - 2x + 1$ $x^8 - 12x^4 + 36x^2 - 12$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3 \quad 3\ [\ ]_8 \quad\quad 7\ [\ ]_3$
28.84	$x^8 + 4x^6 - 4x^5 + 2x^4 - 6x^3 - 4x^2 - 18x - 29$ $x^8 + 6x^6 - 6x^5 + 10x^4 - 18x^3 + 14x^2 - 20x + 6$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3 \quad 131\ [\ ]_2$
29.04	$x^8 - 4x^7 + 7x^6 - 7x^5 + 7x^4 - 7x^3 + 10x^2 - 7x + 1$ $x^8 + 3x^6 + 6x^4 - 3$	$3\ [\ ]_8 \quad\quad 37\ [\ ]_3$
29.14	$x^8 - 4x^7 + 7x^6 + 7x^5 - 51x^4 + 50x^3 + 61x^2 - 107x - 83$ $x^8 - x^7 - 6x^6 + 8x^5 + 42x^4 - 118x^3 + 95x^2 + 57x - 119$	$3\ [\ ]_2 \quad\quad 283\ [\ ]_2$
29.96	$x^8 + 60x^2 - 300$ $x^8 - 4x^7 + 4x^6 - 10x^5 + 40x^4 - 40x^3 + 10x^2 - 10x - 5$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3 \quad 3\ [\ ]_8 \quad\quad 5\ [\ ]_6$
29.98	$x^8 - 18x^4 + 48x^2 - 27$ $x^8 - 6x^4 - 40x^2 - 3$	$2\ \left[2, 2, \frac{5}{2}\right] \quad 3\ \left[\frac{5}{2}\right]_2$
29.98	$x^8 - 6x^4 + 40x^2 - 3$ $x^8 - 18x^4 - 48x^2 - 27$	$2\ \left[2, 2, \frac{5}{2}\right] \quad 3\ \left[\frac{5}{2}\right]_2$

GRD	Polynomial	Slope Data		
30.36	$x^8 - 2x^7 + 6x^6 - 6x^5 - 6x^4 + 12x^3 - 6x^2 - 24x - 9$ $x^8 - 4x^7 + 4x^6 + 2x^5 + 4x^4 + 14x^3 - 24x^2 - 72x - 39$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\ \left[\frac{3}{2}\right]_2$	$5\ [\ ]_4$
30.36	$x^8 - 2x^7 - 4x^6 + 4x^5 + 4x^4 + 32x^3 + 4x^2 + 16x - 4$ $x^8 - 30x^4 + 100x^2 - 75$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\ \left[\frac{3}{2}\right]_2$	$5\ [\ ]_4$
30.72	$x^8 - 8x^6 + 14x^4 + 24x^2 - 59$ $x^8 + 2x^6 + 12x^4 - 28x^3 + 24x^2 - 44x - 10$	$2\ \left[2, 2, \frac{5}{2}\right]$	$59\ [\ ]_2$	
30.72	$x^8 + 6x^6 - 8x^5 - 8x^4 + 12x^3 - 10x^2 - 8x - 3$ $x^8 + 8x^6 + 14x^4 - 24x^2 - 59$	$2\ \left[2, 2, \frac{5}{2}\right]$	$59\ [\ ]_2$	
31.07	$x^8 - 10x^4 + 24x^2 - 19$ $x^8 - 12x^4 + 16x^2 - 76$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3$	$19\ [\ ]_2$	
31.07	$x^8 - 4x^7 + 12x^6 - 16x^5 + 8x^4 + 32x^3 - 60x^2 + 72x + 50$ $x^8 - 8x^6 + 22x^4 - 16x^2 - 19$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3$	$19\ [\ ]_2$	
31.07	$x^8 - 12x^4 - 16x^2 - 76$ $x^8 - 10x^4 - 24x^2 - 19$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3$	$19\ [\ ]_2$	
31.07	$x^8 + 8x^6 + 22x^4 + 16x^2 - 19$ $x^8 - 4x^7 - 4x^6 + 24x^5 + 16x^4 - 40x^3 - 52x^2 - 16x - 2$	$2\ \left[\frac{8}{3}, \frac{8}{3}, \frac{7}{2}\right]_3$	$19\ [\ ]_2$	
31.31	$x^8 + 2x^6 - 9x^4 + 6x^2 - 11$ $x^8 - 2x^7 - 2x^6 + 17x^5 - 32x^4 + 31x^3 - 15x^2 + 4x - 1$	$11\ [\ ]_2$	$29\ [\ ]_3$	
31.41	$x^8 - 3x^6 + 3x^4 + 8x^2 - 16$ $x^8 + 3x^6 + 3x^4 - 8x^2 - 16$	$2\ [2, 2]$	$37\ [\ ]_3$	
31.51	$x^8 - 4x^7 + 13x^6 - 25x^5 + 28x^4 - 19x^3 - 26x^2 + 32x - 113$ $x^8 - 2x^7 - 2x^6 + 9x^5 + 13x^4 - 19x^3 - 111x^2 + 309x - 221$	$3\ [\ ]_2$	$331\ [\ ]_2$	
31.76	$x^8 - 4x^6 + 18x^4 - 6x^2 - 3$ $x^8 - 6x^4 - 10x^2 - 3$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$3\ \left[\frac{5}{2}\right]_2$	
31.76	$x^8 - 6x^4 + 10x^2 - 3$ $x^8 + 4x^6 + 18x^4 + 6x^2 - 3$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$3\ \left[\frac{5}{2}\right]_2$	
32.17	$x^8 - 2x^7 - 4x^6 + 4x^5 + 16x^4 + 32x^3 + 28x^2 + 8x - 4$ $x^8 - 4x^7 + 10x^6 - 14x^5 + 4x^4 + 14x^3 + 6x^2 - 8x - 10$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$163\ [\ ]_2$	
32.31	$x^8 + 6x^6 - 6x^5 + 12x^4 - 12x^3 - 24x^2 - 6x + 3$ $x^8 - 12x^6 + 42x^4 + 72x^2 - 51$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\ [\ ]_8$	$17\ [\ ]_2$
32.31	$x^8 - 6x^4 + 24x^2 - 51$ $x^8 + 12x^6 - 6x^4 - 48x^2 - 51$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\ [\ ]_8$	$17\ [\ ]_2$
32.35	$x^8 + 6x^6 + 9x^4 - 2x^2 - 4$ $x^8 - 6x^6 + 9x^4 + 2x^2 - 4$	$2\ [2, 3]$	$23\ [\ ]_3$	
32.40	$x^8 + 6x^4 + 6x^2 - 3$ $x^8 + 6x^6 + 12x^4 - 12$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$3\ [\ ]_8$	$5\ [\ ]_3$
32.40	$x^8 - 6x^6 + 12x^4 - 12$ $x^8 + 6x^4 - 6x^2 - 3$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$3\ [\ ]_8$	$5\ [\ ]_3$
32.59	$x^8 - 12x^6 + 36x^4 + 12x^2 - 12$ $x^8 - 2x^7 - 8x^6 - 14x^5 - 14x^4 - 14x^3 - 14x^2 - 8x - 2$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\ [\ ]_8$	$11\ [\ ]_3$
32.95	$x^8 - 2x^7 + 5x^5 - 6x^4 - 10x^3 + 21x^2 + 5x - 13$ $x^8 - 4x^7 + 10x^6 - 16x^5 + 18x^4 - 14x^3 + 4x^2 + x - 1$	$5\ [\ ]_3$	$127\ [\ ]_2$	
33.13	$x^8 - 2x^7 - 3x^6 + 30x^5 - 45x^4 + 28x^3 + 25x^2 + 24x + 4$ $x^8 + 38x^4 + 228x^2 - 19$	$2\ [2]_3$	$19\ [\ ]_8$	
33.15	$x^8 - 6x^6 - 5x^5 + 19x^4 + 21x^3 - 18x^2 - 36x - 5$ $x^8 - x^7 - 4x^6 + 4x^5 + 4x^4 - 9x^3 + 2x^2 - 3x - 5$	$7\ [\ ]_2$	$157\ [\ ]_2$	
33.15	$x^8 - x^7 - 2x^6 - 6x^5 + 10x^4 + 15x^3 - 6x^2 - 5x - 7$ $x^8 - 3x^7 + 2x^6 - 3x^4 + 11x^3 - 13x^2 + 15x - 11$	$7\ [\ ]_2$	$157\ [\ ]_2$	

GRD	Polynomial	Slope Data		
33.22	$x^8 - 12x^4 - 20x^2 - 12$ $x^8 + 4x^6 - 6x^4 - 3$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\left[\frac{3}{2}\right]_2$	$7\,[\,]_3$
33.35	$x^8 - 2x^7 + 4x^6 + 34x^5 + 58x^4 + 10x^3 - 62x^2 - 56x - 14$ $x^8 - 4x^7 + 4x^6 - 10x^5 + 4x^4 - 10x^3 + 4x^2 - 4x + 1$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\,[\,]_8$	$7\,[\,]_6$
33.57	$x^8 - 4x^7 + 7x^6 - 7x^5 + 7x^4 - 7x^3 - 2x^2 + 5x - 2$ $x^8 - x^7 - 2x^6 + 2x^5 - 17x^4 - x^3 - 26x^2 + 20x - 8$	$2\,[\,]_3$	$3\,[\,]_8$	$23\,[\,]_3$
33.65	$x^8 - 46x^4 + 141x^2 - 283$ $x^8 + 3x^6 + 45x^4 + 151x^2 - 283$	$2\,[2]$	$283\,[\,]_2$	
34.03	$x^8 - 2x^7 - 6x^6 + 20x^5 - 4x^4 - 58x^3 + 36x^2 - 140x - 269$ $x^8 - 2x^7 + 20x^5 - 28x^4 - 34x^3 + 90x^2 - 152x - 317$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\,[\,]_2$	$43\,[\,]_2$
34.29	$x^8 - 8x^6 + 19x^4 - 16x^2 - 4$ $x^8 - x^7 - x^6 - 4x^5 + 6x^4 - 4x^3 - x^2 - x + 1$	$2\,[2]$	$71\,[\,]_3$	
34.30	$x^8 - 2x^7 - 6x^6 + 28x^5 - 44x^4 + 38x^3 - 8x^2 - 4x - 1$ $x^8 - 4x^7 + 10x^6 - 6x^5 - 12x^4 + 40x^3 - 40x^2 + 10x - 1$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$131\,[\,]_2$	
34.40	$x^8 + 3x^6 - 6x^5 - 15x^4 - 15x^3 + 24x^2 - 18x + 3$ $x^8 - 2x^7 - 2x^6 + x^5 + 4x^4 + 10x^3 - 11x^2 - 14x - 20$	$3\,[\,]_8$	$173\,[\,]_2$	
34.40	$x^8 - 6x^6 - 12x^5 - 12x^4 - 24x^3 - 24x^2 - 9x - 6$ $x^8 - 4x^7 + 4x^6 + 2x^5 - 2x^4 - 4x^3 + 4x^2 - x - 2$	$3\,[\,]_8$	$173\,[\,]_2$	
34.46	$x^8 - 4x^7 + 12x^6 - 22x^5 + 32x^4 - 32x^3 + 8x^2 + 5x - 2$ $x^8 - 4x^7 + 6x^6 - 4x^5 + 2x^3 - 4x^2 + 3x - 4$	$7\,[\,]_2$	$47\,[\,]_3$	
34.53	$x^8 - 4x^7 + 7x^6 - 7x^5 - 2x^4 + 11x^3 - 22x^2 + 16x - 7$ $x^8 + 6x^4 - 5x^2 - 3$	$3\,[\,]_2$	$89\,[\,]_3$	
34.54	$x^8 - 88x^4 - 352x^2 - 176$ $x^8 - 22x^4 - 22x^2 - 11$	$2\left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$11\,[\,]_8$	
34.54	$x^8 - 22x^4 + 22x^2 - 11$ $x^8 - 88x^4 + 352x^2 - 176$	$2\left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$11\,[\,]_8$	
34.58	$x^8 + 6x^6 - 9x^4 - 6x^2 - 3$ $x^8 - 6x^4 + 9x^2 - 3$	$2\,[2]$	$3\,[\,]_8$	$17\,[\,]_3$
34.61	$x^8 + 8x^6 + 24x^4 + 16x^2 - 4$ $x^8 - 8x^6 + 24x^4 - 16x^2 - 4$	$2\,[2, 3, 4]$	$3\,[2]$	
34.61	$x^8 - 8x^6 + 18x^4 - 16x^2 - 4$ $x^8 + 8x^6 + 18x^4 + 16x^2 - 4$	$2\,[2, 3, 4]$	$3\,[2]$	
35.19	$x^8 + 3x^6 - 3x^5 - 3x^4 + 15x^3 - 30x^2 + 3x - 12$ $x^8 - 3x^6 - 24x^5 - 3x^4 - 42x^3 - 87x^2 - 54x - 12$	$2\,[\,]_3$	$3\,[\,]_8$	$13\,[\,]_6$
35.24	$x^8 - 4x^7 + 4x^6 + 2x^5 - 8x^4 + 8x^3 + 10x^2 - 13x - 5$ $x^8 - 4x^7 + 2x^6 + 5x^5 - 2x^4 - 2x^3 + 5x^2 - 17x + 1$	$3\,[\,]_4$	$239\,[\,]_2$	
35.24	$x^8 - 3x^7 - 8x^6 + 21x^5 + 21x^4 - 33x^3 - 14x^2 + 39x - 8$ $x^8 - 4x^7 + 14x^6 - 16x^5 - 14x^4 + 76x^3 - 70x^2 + 19x - 2$	$3\,[\,]_4$	$239\,[\,]_2$	
35.27	$x^8 - 11x^6 + 33x^4 - 11x^2 - 11$ $x^8 - 3x^7 - 5x^6 + 12x^5 + 15x^4 + 12x^3 - 5x^2 - 3x + 1$	$3\,[2]$	$11\,[\,]_8$	
35.30	$x^8 - 2x^7 + 8x^6 - 12x^5 + 8x^4 - 12x^3 + 8x^2 - 2x + 1$ $x^8 - 4x^7 + 6x^6 - 2x^5 - 8x^4 - 2x^3 + 6x^2 - 4x + 1$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\,[\,]_2$	$23\,[\,]_3$
35.44	$x^8 - 3x^7 + 15x^6 - 26x^5 - 21x^4 - 35x^3 + 25x^2 + 50x + 29$ $x^8 - 4x^7 + 7x^6 - 7x^5 - 3x^4 + 13x^3 - 136x^2 + 129x - 115$	$59\,[\,]_8$		
35.48	$x^8 - 3x^7 + 9x^6 - 13x^5 + 15x^4 - 33x^3 + 30x^2 - 18x + 9$ $x^8 - 2x^7 - 3x^6 - x^5 + 11x^4 - 8x^2 - 2x + 3$	$3\left[\frac{3}{2}\right]_2$	$97\,[\,]_2$	
35.48	$x^8 - x^7 - 8x^6 + 15x^5 - 6x^4 + 6x^3 - 10x^2 + x - 1$ $x^8 - x^7 - 3x^6 - 5x^5 - 7x^4 - 6x^3 - 11x^2 - 4x - 9$	$3\left[\frac{3}{2}\right]_2$	$97\,[\,]_2$	

GRD	Polynomial	Slope Data		
35.58	$x^8 - 2x^7 + 10x^6 + 6x^5 + 38x^4 + 10x^3 + 18x^2 - 72x - 50$ $x^8 - 44x^5 - 154x^4 - 396x^3 - 704x^2 - 704x - 275$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\ [\ ]_2$	$11\ [\ ]_8$
35.64	$x^8 + 5x^6 + 6x^4 - 3$ $x^8 - 6x^4 - 19x^2 - 3$	$2\ [2]$	$3\ \left[\frac{3}{2}\right]_2$	$11\ [\ ]_3$
35.65	$x^8 + 4x^6 - 18x^4 - 12x^2 - 3$ $x^8 - 6x^4 + 16x^2 - 3$	$2\ [2, 2, 3]$	$3\ \left[\frac{5}{2}\right]_2$	
35.65	$x^8 - 6x^4 - 16x^2 - 3$ $x^8 - 4x^6 - 18x^4 + 12x^2 - 3$	$2\ [2, 2, 3]$	$3\ \left[\frac{5}{2}\right]_2$	
36.08	$x^8 - 4x^4 - 16x^2 - 8$ $x^8 - 4x^6 + 2x^4 - 2$	$2\ \left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$5\ [\ ]_3$	
36.08	$x^8 + 4x^6 + 2x^4 - 2$ $x^8 - 4x^4 + 16x^2 - 8$	$2\ \left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$5\ [\ ]_3$	
36.10	$x^8 - 4x^7 + 10x^6 - 6x^5 - 6x^4 - 36x^3 + 90x^2 - 144x - 234$ $x^8 - 2x^7 - 10x^6 + 8x^5 + 44x^4 - 68x^3 - 80x^2 - 8x - 4$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\ \left[\frac{3}{2}\right]_2$	$5\ [\ ]_4$
36.10	$x^8 - 30x^4 - 100x^2 - 75$ $x^8 - 2x^7 + 6x^6 + 4x^5 + 4x^4 - 18x^3 + 4x^2 + 16x - 9$	$2\ \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3\ \left[\frac{3}{2}\right]_2$	$5\ [\ ]_4$
36.15	$x^8 - x^7 + 23x^6 - x^5 + 148x^4 + 46x^3 - 10x^2 - 20x - 8$ $x^8 - 4x^7 + 7x^6 - 7x^5 - 17x^4 + 41x^3 - 224x^2 + 203x - 344$	$2\ [\ ]_3$	$3\ [\ ]_2$	$19\ [\ ]_8$
36.30	$x^8 - 4x^7 + 3x^6 - x^5 + 11x^4 - 9x^3 + 2x^2 - 9x - 2$ $x^8 - 4x^7 + x^6 + 11x^5 - 8x^4 - 7x^3 + 8x^2 - 2x - 2$	$2\ [\ ]_3$	$523\ [\ ]_2$	
36.39	$x^8 + 8x^6 + 2x^4 - 80x^2 - 331$ $x^8 - 2x^6 + 23x^4 - 70x^2 - 331$	$2\ [2]$	$331\ [\ ]_2$	
36.43	$x^8 + 9x^6 + 24x^4 - 48$ $x^8 + 6x^4 - 12x^2 - 3$	$2\ [2]_3$	$3\ [\ ]_8$	$13\ [\ ]_3$
36.54	$x^8 + 6x^6 - 4x^5 - 4x^4 - 28x^3 - 62x^2 - 32x + 9$ $x^8 - 4x^6 - 10x^4 + 60x^2 - 59$	$2\ [2, 2, 3]$	$59\ [\ ]_2$	
36.54	$x^8 + 4x^6 - 10x^4 - 60x^2 - 59$ $x^8 - 6x^6 + 20x^4 - 4x^3 - 86x^2 - 108x - 43$	$2\ [2, 2, 3]$	$59\ [\ ]_2$	
36.90	$x^8 - 4x^7 + 7x^6 - 7x^5 - 2x^4 + 11x^3 - 14x^2 + 8x - 5$ $x^8 - 3x^7 + 9x^5 - 15x^4 + 21x^3 - 21x^2 + 12x - 3$	$3\ [\ ]_8$	$53\ [\ ]_3$	
36.95	$x^8 - 4x^7 + 12x^6 - 10x^5 - 22x^4 + 6x^3 - 170x^2 + 452x - 746$ $x^8 - 4x^7 + 22x^6 - 44x^5 + 88x^4 + 6x^3 - 190x^2 + 516x - 526$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$5\ [\ ]_2$	$43\ [\ ]_2$
37.40	$x^8 - 4x^7 + 9x^6 - 5x^5 - 11x^4 + 40x^3 - 47x^2 + 41x - 8$ $x^8 - 4x^7 + 8x^6 - 10x^5 + 4x^4 + 4x^3 - 14x^2 + 11x - 8$	$1399\ [\ ]_2$		
37.62	$x^8 - x^7 + 8x^6 - 12x^5 + 76x^4 - 286x^3 + 99x^2 - 445x - 509$ $x^8 - 4x^7 + 7x^6 + 17x^5 - 137x^4 + 306x^3 - 522x^2 + 182x - 569$	$5\ [\ ]_2$	$283\ [\ ]_2$	
37.72	$x^8 - 2x^7 + x^6 + 7x^5 - 13x^4 - 4x^3 + 23x^2 - 25x - 4$ $x^8 - x^7 + 4x^6 - 3x^5 - x^4 - 11x^3 - 10x^2 - 9x - 2$	$1423\ [\ ]_2$		
37.82	$x^8 - 6x^4 + 3x^2 - 3$ $x^8 - 6x^6 - 15x^5 - 18x^4 - 21x^3 - 21x^2 - 12x - 3$	$3\ [\ ]_8$	$5\ [\ ]_3$	$11\ [\ ]_3$
37.93	$x^8 - 4x^7 + 4x^6 - 3x^5 - 3x^4 - 3x^3 + 4x^2 - 4x + 1$ $x^8 - 2x^7 + 2x^6 - x^5 - 10x^4 - 23x^3 + 22x^2 + 7x - 13$	$3\ \left[\frac{5}{2}\right]_2$	$7\ [\ ]_6$	
37.93	$x^8 - 2x^7 - 7x^6 + 17x^5 + 2x^4 - 47x^3 + 62x^2 - 36x + 8$ $x^8 - 4x^7 + 9x^6 - 13x^5 + 11x^4 - 5x^3 + 2x^2 - x - 2$	$2\ [\ ]_3$	$571\ [\ ]_2$	
37.97	$x^8 + 4x^6 - 2x^5 + 4x^4 + 10x^3 - 40x^2 + 32x + 13$ $x^8 - 2x^7 - 4x^5 - 6x^4 - 10x^3 + 6x^2 + 4x - 2$	$2\ \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$227\ [\ ]_2$	
37.99	$x^8 - 2x^7 + 5x^6 - 7x^5 - 2x^4 + 3x^3 - 4x^2 + 12x + 4$ $x^8 - 3x^7 + 6x^6 - 4x^5 - 8x^4 + 16x^3 - 20x^2 + 12x + 8$	$2\ [\ ]_3$	$5\ [\ ]_3$	$67\ [\ ]_2$

GRD	Polynomial	Slope Data		
38.26	$x^8 - 2x^7 + 4x^6 + 4x^5 + 12x^4 + 30x^3 - 2x^2 + 4x - 1$ $x^8 - 2x^7 + 6x^6 - 12x^4 + 14x^3 + 8x^2 + 12x - 25$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$163 \, [\,]_2$	
38.38	$x^8 - 3x^7 - 8x^6 + 22x^5 + 18x^4 - 52x^3 + 77x^2 - 77x - 101$ $x^8 - 2x^7 + 6x^6 + 5x^5 - 5x^4 + 93x^3 + 5x^2 - 19x - 71$	$3 \, [\,]_2$	$491 \, [\,]_2$	
38.46	$x^8 - 4x^7 + 6x^6 - 12x^4 + 9x^3 - 2x^2 - 13x + 3$ $x^8 - 5x^6 - 8x^5 + 9x^4 + 13x^3 - 3x^2 - 18x + 12$	$3 \, [2]$	$79 \, [\,]_2$	
38.58	$x^8 - x^6 - 24x^5 - 18x^4 + 58x^3 + 455x^2 - 862x + 305$ $x^8 - x^6 - 22x^5 - 87x^4 - 58x^3 - 166x^2 - 472x - 454$	$2 \, [2, 2]$	$23 \, [\,]_6$	
38.66	$x^8 + 3x^6 - 30x^4 - 15x^3 + 21x^2 + 30x - 21$ $x^8 - 9x^6 - 27x^5 - 24x^4 - 6x^3 - 3x^2 - 12x - 129$	$3 \, [\,]_8$	$5 \, [\,]_2$	$17 \, [\,]_3$
38.76	$x^8 - 30x^4 + 72x^2 - 75$ $x^8 + 12x^6 + 36x^4 - 12x^2 - 12$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3 \, [\,]_8$	$11 \, [\,]_3$
39.16	$x^8 - 3x^7 - 9x^6 + 9x^5 + 21x^4 + 3x^3 - 27x^2 - 21x - 6$ $x^8 - 2x^7 - 5x^6 + 7x^5 - 2x^4 - 11x^3 + 34x^2 - 20x - 8$	$2 \, [\,]_3$	$3 \, [\,]_8$	$89 \, [\,]_2$
39.16	$x^8 - x^7 + 10x^6 - 7x^5 + 16x^4 - 13x^3 - 23x^2 + 74x + 16$ $x^8 - 4x^7 + x^6 + 11x^5 - 8x^4 - 7x^3 + 4x^2 + 2x - 2$	$2 \, [\,]_3$	$3 \, [\,]_8$	$89 \, [\,]_2$
39.18	$x^8 - x^7 + 4x^6 - 4x^5 + 7x^4 - 49x^3 + 58x^2 - 58x + 58$ $x^8 - 4x^7 + 7x^6 - 7x^5 + 7x^4 - 7x^3 - 26x^2 + 29x - 8$	$2 \, [\,]_3$	$3 \, [\,]_8$	$29 \, [\,]_3$
39.51	$x^8 - 4x^6 - 6x^4 - 3$ $x^8 - 12x^4 + 20x^2 - 12$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3 \left[\frac{3}{2}\right]_2$	$7 \, [\,]_3$
39.57	$x^8 + 8x^6 + 18x^4 - 16$ $x^8 - 8x^6 + 18x^4 - 16$	$2 \, [2, 3, 4]$	$11 \, [\,]_3$	
39.57	$x^8 + 8x^6 + 16x^4 + 16x^2 - 4$ $x^8 - 8x^6 + 16x^4 - 16x^2 - 4$	$2 \, [2, 3, 4]$	$11 \, [\,]_3$	
39.62	$x^8 + 8x^6 - 10x^5 - 3x^4 - 46x^3 - 24x^2 - 52x + 10$ $x^8 - 10x^6 - 8x^5 + 42x^4 + 52x^3 - 42x^2 - 116x - 23$	$2 \, [2, 2]$	$3 \, [\,]_2$	$23 \, [\,]_3$
39.66	$x^8 + 42x^4 - 168x^2 - 147$ $x^8 - 6x^6 - 30x^5 + 102x^4 - 36x^3 - 138x^2 + 264x - 174$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$3 \, [\,]_8$	$7 \, [\,]_6$
39.78	$x^8 - 4x^7 + 7x^6 - 7x^5 + 10x^4 - 13x^3 - 38x^2 + 44x - 14$ $x^8 - 2x^7 + x^6 + 14x^5 - 46x^4 + 92x^3 - 76x^2 - 4x - 4$	$2 \, [\,]_3$	$3 \left[\frac{5}{2}\right]_2$	$5 \, [\,]_4$
39.78	$x^8 - 4x^7 - 3x^6 + 23x^5 - 5x^4 - 33x^3 + 52x^2 - 31x + 6$ $x^8 - 2x^7 - 5x^6 + 13x^5 + 4x^4 - 23x^3 + 30x^2 + 12x - 24$	$2 \, [\,]_3$	$3 \left[\frac{5}{2}\right]_2$	$5 \, [\,]_4$
39.85	$x^8 - 2x^7 - 2x^6 - 6x^5 + 3x^4 + 63x^3 + 77x^2 + 44x + 11$ $x^8 - x^7 - 6x^6 + 11x^5 + 13x^4 + 12x^3 - 26x^2 - 22x - 21$	$3 \left[\frac{3}{2}\right]_2$	$5 \, [\,]_2$	$11 \, [\,]_3$
39.91	$x^8 - x^7 - 5x^6 + 4x^5 + 6x^4 + 4x^3 - 5x^2 - x + 1$ $x^8 - x^6 + x^4 + x^2 - 18$	$2 \, [3]$	$53 \, [\,]_3$	
40.19	$x^8 - 10x^6 - 8x^5 + 44x^4 + 66x^3 - 6x^2 - 56x - 38$ $x^8 - 2x^7 + 2x^6 + 10x^5 - 8x^4 + 2x^3 + 34x^2 + 30x + 7$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$7 \, [\,]_3$	$19 \, [\,]_2$
40.55	$x^8 + 6x^6 + 24x^4 + 24x^2 - 12$ $x^8 - 6x^4 - 6x^2 - 3$	$2 \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$3 \, [\,]_8$	$7 \, [\,]_3$
40.55	$x^8 - 6x^4 + 6x^2 - 3$ $x^8 - 6x^6 + 24x^4 - 24x^2 - 12$	$2 \left[\frac{4}{3}, \frac{4}{3}, 3\right]_3$	$3 \, [\,]_8$	$7 \, [\,]_3$
40.68	$x^8 - 2x^7 + 2x^6 - 11x^5 + 37x^4 - 83x^3 - 51x^2 - 965x - 169$ $x^8 - 4x^7 - 3x^6 + 23x^5 - 30x^4 + 17x^3 + 152x^2 - 156x - 769$	$5 \, [\,]_2$	$331 \, [\,]_2$	
40.72	$x^8 - 4x^7 + 7x^6 - 7x^5 - 2x^4 + 11x^3 - 10x^2 + 4x - 4$ $x^8 + 7x^6 + 12x^4 - 12$	$2 \, [\,]_3$	$3 \left[\frac{3}{2}\right]_2$	$19 \, [\,]_3$
40.88	$x^8 - 3x^7 - 3x^6 + 6x^5 + 12x^4 + 36x^3 + 15x^2 + 3x - 3$ $x^8 - x^7 - 5x^6 + 2x^5 + 40x^4 - 106x^3 + 112x^2 - 40x - 8$	$2 \, [\,]_3$	$3 \, [\,]_8$	$97 \, [\,]_2$

GRD	Polynomial	Slope Data		
40.88	$x^8 - x^7 - 2x^6 + 5x^5 - 14x^4 + 17x^3 + 13x^2 - 82x + 64$ $x^8 - 3x^7 + 3x^6 - 9x^5 + 6x^4 + 84x^3 - 204x^2 + 168x - 48$	$2\,[\ ]_3$	$3\,[\ ]_8$	$97\,[\ ]_2$
40.96	$x^8 - 4x^7 + 7x^6 - 7x^5 + 4x^4 - x^3 - 8x^2 + 8x - 2$ $x^8 - x^7 - 8x^6 + 8x^5 + 4x^4 - 16x^3 - 20x^2 - 4x - 8$	$2\,[\ ]_3$	$3\,[\ ]_8$	$31\,[\ ]_3$
41.10	$x^8 - x^7 + 5x^6 - 18x^5 - 29x^4 - 88x^3 - 153x^2 - 131x - 149$ $x^8 - 2x^7 + 5x^6 - 13x^5 - 34x^4 + 56x^3 - 208x^2 + 375x - 227$	$3\,[\ ]_2$	$563\,[\ ]_2$	
41.38	$x^8 - 34x^4 + 112x^2 - 107$ $x^8 - 4x^6 - 4x^5 + 16x^4 + 40x^3 - 184x^2 + 168x - 76$	$2\,[2,2,\frac{5}{2}]$	$107\,[\ ]_2$	
41.38	$x^8 - 4x^6 - 8x^5 - 56x^4 - 104x^3 - 72x^2 - 64x - 24$ $x^8 - 34x^4 - 112x^2 - 107$	$2\,[2,2,\frac{5}{2}]$	$107\,[\ ]_2$	
41.43	$x^8 - 4x^7 + 4x^6 + x^5 - 7x^4 + x^3 + 4x^2 - 4x + 1$ $x^8 - 6x^4 - 5x^2 - 3$	$3\,[\frac{5}{2}]_2$	$13\,[\ ]_3$	
41.57	$x^8 - 54x^4 + 192x^2 - 36$ $x^8 - 54x^4 - 192x^2 - 36$	$2\,[2,3,4]$	$3\,[2]_2$	
41.57	$x^8 - 18x^4 - 48x^2 - 36$ $x^8 - 18x^4 + 48x^2 - 36$	$2\,[2,3,4]$	$3\,[2]_2$	
41.67	$x^8 - 4x^7 + 7x^6 - 7x^5 + x^4 + 5x^3 - 16x^2 + 13x - 4$ $x^8 - 4x^7 + 7x^6 - 7x^5 + 16x^4 - 25x^3 - 4x^2 + 16x - 16$	$2\,[\ ]_3$	$3\,[\ ]_2$	$59\,[\ ]_3$
41.68	$x^8 - 4x^7 + 12x^6 - 22x^5 + 28x^4 - 24x^3 + 16x^2 - 7x + 1$ $x^8 - x^7 + 9x^5 + 2x^4 - 12x^3 - 7x^2 - 4x + 1$	$11\,[\ ]_3$	$71\,[\ ]_2$	
41.73	$x^8 - 2x^7 + 5x^6 - 5x^5 + 6x^4 + 5x^3 - 4x - 4$ $x^8 - 2x^7 - x^6 - 3x^5 + 19x^4 - 11x^3 - 2x^2 - 29x - 4$	$2\,[\ ]_3$	$691\,[\ ]_2$	
41.98	$x^8 + 12x^6 + 18x^4 + 8x^2 - 3$ $x^8 - 2x^7 - 4x^6 + 14x^5 - 18x^4 + 42x^3 - 36x^2 - 54x + 81$	$2\,[\frac{4}{3},\frac{4}{3},2]_3$	$3\,[\ ]_2$	$23\,[\ ]_3$
42.14	$x^8 - 4x^6 + 12x^4 - 12$ $x^8 + 6x^4 - 16x^2 - 3$	$2\,[2,2,\frac{5}{2}]$	$3\,[\frac{3}{2}]_2$	$5\,[\ ]_3$
42.14	$x^8 + 6x^4 + 16x^2 - 3$ $x^8 + 4x^6 + 12x^4 - 12$	$2\,[2,2,\frac{5}{2}]$	$3\,[\frac{3}{2}]_2$	$5\,[\ ]_3$
42.23	$x^8 + 2x^6 - 8x^5 - 12x^4 - 58x^3 - 62x^2 - 78x - 19$ $x^8 - 4x^7 + 4x^6 - 8x^5 + 50x^4 - 158x^3 + 306x^2 - 396x + 234$	$2\,[\frac{4}{3},\frac{4}{3},\frac{3}{2}]_3$	$3\,[\frac{5}{2}]_2$	$5\,[\ ]_2$
42.31	$x^8 - 22x^5 + 44x^4 - 374x^2 - 220x - 638$ $x^8 - 198x^4 + 1188x^2 - 891$	$2\,[\frac{4}{3},\frac{4}{3},2]_3$	$3\,[\ ]_2$	$11\,[\ ]_8$
42.35	$x^8 - 4x^7 + 7x^6 + 26x^5 - 41x^4 - 43x^3 + 85x^2 + 101x + 37$ $x^8 - x^7 - 14x^6 + 42x^5 - 21x^4 - 21x^3 - 75x^2 + 183x - 57$	$3\,[2]_2$	$11\,[\ ]_8$	
42.37	$x^8 - 30x^4 - 90x^2 - 75$ $x^8 - 30x^6 + 240x^4 - 720x^2 - 300$	$2\,[\frac{4}{3},\frac{4}{3},3]_3$	$3\,[\ ]_8$	$5\,[\ ]_6$
42.37	$x^8 + 30x^6 + 240x^4 + 720x^2 - 300$ $x^8 - 30x^4 + 90x^2 - 75$	$2\,[\frac{4}{3},\frac{4}{3},3]_3$	$3\,[\ ]_8$	$5\,[\ ]_6$
42.66	$x^8 - 2x^7 - 9x^6 - 17x^5 + 137x^4 - 79x^3 - 60x^2 - 223x + 54$ $x^8 - 4x^7 + 7x^6 - 7x^5 - 44x^4 + 95x^3 - 56x^2 + 8x - 624$	$2\,[\ ]_3$	$43\,[\ ]_8$	
42.70	$x^8 - 4x^7 + 7x^6 - 6x^5 - 4x^4 - 3x^3 + 6x^2 - 5x - 19$ $x^8 - 4x^7 + 10x^6 - 16x^5 + 16x^4 - 10x^3 - 4x^2 + 7x - 9$	$1823\,[\ ]_2$		
42.87	$x^8 + 5x^6 + 7x^4 + 4x^2 - 4$ $x^8 - 5x^6 + 7x^4 - 4x^2 - 4$	$2\,[2,2]$	$59\,[\ ]_3$	
42.90	$x^8 - 8x^6 + 20x^4 - 50$ $x^8 + 8x^6 - 12x^4 - 2$	$2\,[3,4,5]$	$5\,[\ ]_3$	
42.90	$x^8 - 8x^6 - 12x^4 - 2$ $x^8 + 8x^6 + 20x^4 - 50$	$2\,[3,4,5]$	$5\,[\ ]_3$	

GRD	Polynomial	Slope Data			
43.07	$x^8 - 6x^6 + 24x^4 - 24x^3 - 64x^2 + 24x + 72$ $x^8 - 12x^4 - 4x^2 - 12$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$3\,[\ ]_2$	$31\,[\ ]_3$	
43.09	$x^8 - x^7 - 6x^6 + 6x^5 - 20x^4 + 56x^3 + 24x^2 - x - 19$ $x^8 - 3x^7 + x^6 + 7x^5 - 22x^3 - 9x^2 + 83x - 74$	$5\,[\ ]_6$	$127\,[\ ]_2$		
43.35	$x^8 - 3x^7 + 5x^6 - 16x^5 + 27x^4 - 50x^3 + 56x^2 - 46x + 25$ $x^8 - x^7 + 4x^6 - 7x^5 - 9x^4 - 29x^3 - 40x^2 - 35x + 1$	$1879\,[\ ]_2$			
43.53	$x^8 - 4x^7 + 7x^6 - 7x^5 + 4x^4 - x^3 - 16x^2 + 16x - 4$ $x^8 - 2x^7 + 5x^6 - 2x^5 - 2x^4 + 20x^3 - 20x^2 + 28x - 4$	$2\,[\ ]_3$	$3\left[\frac{5}{2}\right]_2$	$7\,[\ ]_3$	
43.72	$x^8 - 4x^7 - 14x^6 + 46x^5 + 94x^4 - 30x^3 - 202x^2 - 1032x - 1378$ $x^8 - 4x^7 - 4x^5 + 44x^4 - 162x^3 + 1222x^2 - 2056x - 482$	$2\left[\frac{4}{3}, \frac{4}{3}, \frac{3}{2}\right]_3$	$7\,[\ ]_2$	$43\,[\ ]_2$	
43.83	$x^8 - 7x^6 + 18x^4 - 27$ $x^8 - 6x^4 - 7x^2 - 3$	$2\,[2]$	$3\left[\frac{5}{2}\right]_2$	$5\,[\ ]_3$	
43.92	$x^8 - x^7 - 2x^6 - 9x^5 + 10x^4 - 8x^3 - 84x^2 - 225x - 197$ $x^8 - 2x^7 - 5x^6 - 5x^4 + 95x^3 - 63x^2 + 21x - 305$	$3\,[\ ]_2$	$643\,[\ ]_2$		
43.94	$x^8 - 2x^7 + 8x^6 - 44x^5 + 76x^4 - 210x^3 + 74x^2 + 472x - 1349$ $x^8 - 2x^7 + 18x^6 - 44x^5 + 116x^4 - 170x^3 - 236x^2 + 532x - 1429$	$2\left[\frac{4}{3}, \frac{4}{3}, 2\right]_3$	$5\,[\ ]_2$	$43\,[\ ]_2$	
43.94	$x^8 - 4x^7 + 7x^6 - 5x^5 + x^4 - 18x^3 + 27x^2 + 3x - 13$ $x^8 - 3x^7 + 16x^5 - 28x^4 + 25x^3 - 19x^2 + 26x - 5$	$1931\,[\ ]_2$			
44.05	$x^8 - 2x^7 + 2x^6 - 3x^4 + 13x^3 + 11x^2 - 2x - 5$ $x^8 - 3x^7 + 4x^6 - 2x^5 + 2x^4 + 11x^3 - 7x - 3$	$5\,[\ ]_3$	$227\,[\ ]_2$		
44.08	$x^8 - 4x^7 + 7x^6 - 7x^5 - 20x^4 + 47x^3 - 108x^2 + 84x - 69$ $x^8 - x^7 - 6x^6 - 7x^5 - 11x^4 - 24x^3 - 44x^2 - 28x - 9$	$3\left[\frac{3}{2}\right]_2$	$5\,[\ ]_4$	$7\,[\ ]_3$	
44.08	$x^8 - 4x^7 + 7x^6 - 7x^5 + 25x^4 - 43x^3 - 28x^2 + 49x - 49$ $x^8 - 5x^6 + 30x^4 - 75$	$3\left[\frac{3}{2}\right]_2$	$5\,[\ ]_4$	$7\,[\ ]_3$	
44.13	$x^8 + 3x^6 - 15x^5 - 6x^4 - 21x^3 - 6x^2 + 24x + 12$ $x^8 - 4x^7 + x^6 + 2x^5 + 55x^4 - 76x^3 - 65x^2 + 98x - 32$	$2\,[\ ]_3$	$3\,[\ ]_8$	$113\,[\ ]_2$	
44.13	$x^8 - 9x^6 - 3x^5 + 36x^4 + 3x^3 - 48x^2 - 24x + 48$ $x^8 - 4x^7 + 7x^6 - 7x^5 + 7x^4 + 23x^3 - 2x^2 + 29x + 4$	$2\,[\ ]_3$	$3\,[\ ]_8$	$113\,[\ ]_2$	
44.22	$x^8 - 4x^7 + 7x^6 - 7x^5 + x^4 + 5x^3 - 12x^2 + 9x - 3$ $x^8 - 4x^7 - 3x^6 + 23x^5 + x^4 - 45x^3 + 4x^2 + 23x - 9$	$3\left[\frac{3}{2}\right]_2$	$43\,[\ ]_3$		
44.23	$x^8 - 8x^6 + 22x^4 - 16x^2 - 4$ $x^8 + 8x^6 + 22x^4 + 16x^2 - 4$	$2\,[2, 3, 4]$	$13\,[\ ]_3$		
44.23	$x^8 + 8x^6 - 22x^4 + 16x^2 - 4$ $x^8 - 8x^6 - 22x^4 - 16x^2 - 4$	$2\,[2, 3, 4]$	$13\,[\ ]_3$		
44.32	$x^8 - 15x^6 + 62x^4 + 40x^2 - 491$ $x^8 + 6x^6 - x^4 + 82x^2 - 491$	$2\,[2]$	$491\,[\ ]_2$		
44.41	$x^8 + 2x^6 + x^4 - 14x^2 - 4$ $x^8 - 2x^6 + x^4 + 14x^2 - 4$	$2\,[2, 3]$	$37\,[\ ]_3$		
44.42	$x^8 - 24x^4 - 36x^2 - 48$ $x^8 - 3x^7 - 6x^6 + 18x^5 + 12x^4 - 24x^3 - 12x - 48$	$2\,[\ ]_3$	$3\,[\ ]_8$	$5\,[\ ]_3$	$7\,[\ ]_3$
44.45	$x^8 - 4x^6 + 6x^4 - 6$ $x^8 - 12x^6 - 6x^4 + 8x^2 - 6$	$2\left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$3\left[\frac{3}{2}\right]_2$		
44.45	$x^8 - 8x^6 + 24x^4 - 96$ $x^8 + 12x^6 + 42x^4 + 88x^2 - 6$	$2\left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$3\left[\frac{3}{2}\right]_2$		
44.45	$x^8 + 12x^6 - 6x^4 - 8x^2 - 6$ $x^8 + 4x^6 + 6x^4 - 6$	$2\left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$3\left[\frac{3}{2}\right]_2$		
44.45	$x^8 - 12x^6 + 42x^4 - 88x^2 - 6$ $x^8 + 8x^6 + 24x^4 - 96$	$2\left[2, 3, \frac{7}{2}, \frac{9}{2}\right]$	$3\left[\frac{3}{2}\right]_2$		

GRD	Polynomial	Slope Data
44.51	$x^8 - 4x^7 + 7x^6 + 26x^5 - 206x^4 + 193x^3 + 807x^2 - 1286x - 2567$ $x^8 - x^7 + 4x^6 + 178x^4 - 415x^3 + 659x^2 + 1956x - 3071$	7 $[\ ]_2$ 283 $[\ ]_2$
44.52	$x^8 - x^7 - 8x^6 + 20x^5 + 30x^4 - 118x^3 - 43x^2 + 365x + 267$ $x^8 - 3x^7 + 3x^6 + 2x^5 - 30x^4 + 65x^3 - 123x^2 - 73x - 13$	7 $[\ ]_4$ 107 $[\ ]_2$
44.52	$x^8 - x^7 - 4x^6 + 31x^5 - 61x^4 + 70x^3 - 70x^2 - 7$ $x^8 - x^7 - 2x^6 + 12x^5 + 38x^4 + 13x^3 - 53x^2 - 78x - 31$	7 $[\ ]_4$ 107 $[\ ]_2$
44.76	$x^8 - 4x^7 + 3x^6 + 5x^5 - 8x^4 + 3x^3 + 6x^2 - 6x - 9$ $x^8 - 3x^7 + 5x^6 - 17x^5 + 45x^4 - 58x^3 + 30x^2 + 9x - 15$	3 $[2]$ 107 $[\ ]_2$