

$C_2^4 : S_3^2$

GRD	Polynomial	Slope Data			
29.35	$x^8 - 4x^5 + 12x^4 - 12x^3 - 8x^2 + 12x - 3$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, \frac{7}{3}, \frac{7}{3} \right]_3$	$3 \left[\frac{3}{2}, 2 \right]_2$		
32.44	$x^8 - 4x^6 - 8x^5 - 2x^4 + 16x^3 + 12x^2 - 8x + 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, 3, \frac{19}{6}, \frac{19}{6} \right]_3$	$19 []_2$		
32.64	$x^8 - 4x^6 - 4x^5 - 4x^4 + 8x^3 + 20x^2 + 16x + 5$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, \frac{7}{3}, \frac{7}{3} \right]_3$	$11 []_6$		
32.80	$x^8 - 4x^7 + 8x^5 + 9x^4 - 10x^3 - 10x^2 + 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 []_2$	$5 []_3$	$7 []_2$
34.23	$x^8 - 4x^7 + 4x^6 - 8x^2 + 8x - 2$	$2 \left[\frac{4}{3}, \frac{4}{3}, 3, \frac{19}{6}, \frac{19}{6} \right]_3$	$3 \left[\frac{3}{2}, \frac{3}{2} \right]_2$		
34.85	$x^8 - 2x^7 - 12x^5 + 30x^4 + 6x^3 - 36x^2 + 9$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2} \right]_4$	$13 []_2$	
36.36	$x^8 - 2x^7 - 2x^6 + 8x^5 - 10x^4 - 4x^3 + 16x^2 - 8x - 2$	$2 [2, 2, 2]$	$3 \left[2, \frac{5}{2} \right]_2$		
37.52	$x^8 - 4x^7 + 4x^6 - 9x^4 + 12x^3 - 12x^2 + 12x - 3$	$2 [2, 3, 3]$	$3 \left[\frac{3}{2}, 2 \right]_2$		
37.65	$x^8 - 2x^7 - 4x^6 + 4x^5 + 19x^4 + 2x^3 - 16x^2 - 4x + 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2}, \frac{3}{2} \right]_2$	$5 []_4$	
37.69	$x^8 - 8x^6 - 8x^5 + 24x^4 + 32x^3 - 16x^2 - 32x - 8$	$2 \left[\frac{4}{3}, \frac{4}{3}, 3, \frac{19}{6}, \frac{19}{6} \right]_3$	$3 []_2$	$5 []_3$	
37.91	$x^8 - 4x^6 - 4x^5 + 6x^4 + 8x^3 - 4x - 2$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, \frac{7}{3}, \frac{7}{3} \right]_3$	$3 []_2$	$11 []_3$	
38.50	$x^8 - 2x^7 - 4x^6 + 4x^5 + 4x^4 + 4x^3 + 4x^2 - 8x - 6$	$2 [2, 2, 2]$	$3 [2]$	$7 []_2$	
38.79	$x^8 - x^7 - 2x^6 - 4x^5 + 13x^4 + 8x^3 - 20x^2 - 7x + 13$	$2 [2]$	$3 \left[\frac{3}{2}, 2 \right]_2$	$5 []_3$	
39.09	$x^8 - 4x^6 - 6x^5 + 7x^4 + 12x^3 - 2x^2 - 4x + 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 []_2$	$5 []_2$	$17 []_2$
39.24	$x^8 - 2x^7 + 8x^6 - 12x^5 + 7x^4 - 2x^3 - 6x^2 + 2x + 1$	$2 []_3$	$3 []_2$	$7 []_4$	$11 []_2$
39.26	$x^8 - 4x^7 + 8x^6 - 10x^5 + 6x^4 - 8x^2 + 2x + 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$5 []_4$	$23 []_2$	
39.46	$x^8 - x^7 - 8x^6 + 6x^5 + 21x^4 - 12x^3 - 24x^2 + 6x + 12$	$2 []_3$	$3 \left[\frac{5}{2} \right]_2$	$11 []_2$	
39.69	$x^8 - 8x^6 - 4x^5 + 12x^4 + 16x^3 - 4x^2 - 16x - 2$	$2 \left[\frac{8}{3}, \frac{8}{3}, 3 \right]_3$	$3 []_2$	$5 []_6$	
39.75	$x^8 - 4x^7 + 4x^6 - 12x^5 + 42x^4 - 36x^3 + 12x^2 - 12x - 15$	$2 \left[\frac{8}{3}, \frac{8}{3}, 3 \right]_3$	$3 \left[\frac{3}{2}, 2 \right]_2$		
40.28	$x^8 - 4x^7 + 35x^4 - 14x^3 - 14x^2 - 60x - 5$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$5 []_6$	$7 []_4$	
40.98	$x^8 + x^6 - 4x^5 - 9x^4 - 2x^3 + 10x^2 + 10x + 2$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2 \right]_3$	$11 []_2$	$17 []_2$	
41.10	$x^8 - 6x^6 - 12x^5 + 30x^4 + 80x^3 - 236x^2 + 204x - 63$	$2 \left[\frac{4}{3}, \frac{4}{3}, 3 \right]_3$	$5 []_3$	$11 []_2$	
41.18	$x^8 + 4x^6 - 4x^5 - 18x^4 - 8x^3 + 8x^2 + 8x + 2$	$2 [2, 3, 3]$	$53 []_2$		
41.37	$x^8 - 4x^7 + 4x^6 - 10x^5 + 25x^4 - 10x^3 - 8x^2 + 8x - 2$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, 2 \right]_3$	$3 \left[\frac{3}{2} \right]_2$	$11 []_2$	
42.00	$x^8 + 2x^6 - 8x^5 - 18x^4 - 28x^3 - 38x^2 + 36x - 1$	$2 [2, 2, 3]$	$3 \left[\frac{3}{2} \right]_4$	$5 []_2$	
42.13	$x^8 - 4x^7 + 4x^6 - 2x^5 + 5x^4 - 2x^3 + 8x^2 - 8x + 2$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, 2 \right]_3$	$3 \left[\frac{3}{2}, \frac{3}{2} \right]_2$	$7 []_2$	
42.30	$x^8 - 4x^7 + 4x^6 - 22x^5 + 82x^4 - 76x^3 + 52x^2 - 142x + 85$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2} \right]_2$	$23 []_2$	
42.33	$x^8 + 4x^6 - 6x^5 + 7x^4 - 12x^3 + 2x^2 + 4x - 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$13 []_2$	$23 []_2$	
42.51	$x^8 - x^7 + 6x^6 - 6x^5 + 21x^4 - 9x^3 + 32x^2 - 8x + 12$	$2 \left[\frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2} \right]_4$	$23 []_2$	
42.57	$x^8 - x^7 - 4x^6 + 6x^5 + 9x^4 - 6x^3 - 8x^2 + 2x + 2$	$2 \left[\frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2}, \frac{3}{2} \right]_2$	$17 []_2$	
42.82	$x^8 - 4x^5 + 2x^4 + 4x^2 - 4x + 6$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, \frac{7}{3}, \frac{7}{3} \right]_3$	$3 [2]$	$5 []_2$	
42.96	$x^8 - 2x^5 - 9x^4 - 20x^2 - 54x - 27$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2}, 2 \right]_2$	$7 []_2$	
43.00	$x^8 - 4x^7 + 4x^6 - 6x^5 + 6x^4 + 12x^3 - 2x^2 - 4x - 2$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2 \right]_3$	$3 [2]$	$11 []_2$	
43.05	$x^8 - 2x^7 + 8x^6 - 14x^5 + 25x^4 - 4x^3 - 22x^2 + 8x + 1$	$2 \left[\frac{4}{3}, \frac{4}{3}, \frac{4}{3}, \frac{4}{3} \right]_3$	$3 \left[\frac{3}{2}, \frac{3}{2} \right]_2$	$5 []_6$	
43.62	$x^8 - 2x^7 - 4x^6 - 11x^5 + 16x^4 + 8x^3 - 16x^2 - x + 1$	$2 []_3$	$3 []_4$	$5 []_3$	$17 []_2$
43.73	$x^8 - 4x^7 + 8x^6 + 10x^5 - 5x^4 - 18x^3 - 118x^2 - 10x + 119$	$2 []_3$	$3 []_2$	$11 []_2$	$23 []_2$
44.23	$x^8 - 4x^7 + 4x^6 - 22x^4 + 44x^3 + 88$	$2 \left[\frac{4}{3}, \frac{4}{3}, 2, 2 \right]_3$	$3 []_2$	$11 []_6$	
44.37	$x^8 - 2x^6 - 4x^5 - 2x^4 + 4x^3 + 4x^2 - 2$	$2 [2, 2, 3]$	$3 []_2$	$29 []_2$	
44.62	$x^8 - 4x^7 + 10x^6 + 8x^5 - 41x^4 + 80x^3 - 26x^2 - 4x + 1$	$2 \left[2, 3, \frac{7}{2} \right]$	$3 \left[\frac{3}{2}, 2 \right]_2$		