$$C_3^3 : S_3$$

GRD	Polynomial	Slope Data		
24.90	$x^9 - 3x^8 + 6x^7 - 6x^6 + 6x^5 - 6x^4 + 6x^3 - 3x + 1$ $x^9 - 3x^8 + 6x^7 - 6x^6 + 6x^5 + 6x^4 - 18x^3 + 18x^2 + 9x + 1$ $x^9 - 3x^8 + 6x^7 - 18x^6 + 18x^5 - 6x^4 + 30x^3 + 12x^2 - 63x - 43$	$2\ [\ ]_9$	$3\ \left[\frac{3}{2}, \frac{3}{2}\right]_2$	$5\ [\ ]_3$
26.64	$x^9 - x^8 - x^7 + 3x^6 - x^5 - 2x^4 + 5x^3 - 4x^2 + x + 1$ $x^9 - 3x^8 + 3x^7 - 4x^6 + 14x^5 - 27x^4 + 26x^3 - 16x^2 + 13x - 8$ $x^9 - 2x^8 - 6x^7 + 21x^6 - 26x^5 + 37x^4 - 57x^3 + 30x^2 + 11x + 1$	$5\ [\ ]_3$	$83\ [\ ]_2$	
27.51	$x^9 - x^8 + 2x^6 - 2x^4 + 4x^3 + 4x^2 - x - 1$ $x^9 - 4x^8 + 10x^7 - 16x^6 + 10x^5 + 14x^4 - 26x^3 + 8x^2 + 10x - 6$ $x^9 + 6x^7 - 8x^6 - 18x^4 + 12x^3 + 42x^2 + 72x - 174$	$2\ [\ ]_9$	$3\ \left[\frac{3}{2}\right]_2$	$17\ [\ ]_2$
27.81	$x^9 - 2x^8 + 6x^7 - 9x^6 + 19x^5 - 22x^4 + 27x^3 - 14x^2 + 7x + 3$ $x^9 - x^8 + 4x^7 - 2x^6 - 15x^5 - x^4 + 18x^3 + 2x^2 - x + 1$ $x^9 - 3x^8 + 5x^7 + 3x^6 - 8x^5 + 6x^4 + 22x^3 - 4x^2 - 12x - 4$	$2\ [\ ]_3$	$307\ [\ ]_2$	
27.90	$x^9 - 2x^8 + 4x^7 - 8x^6 + 6x^5 + 2x^4 - 4x^3 + 8x^2 - 6x + 2$ $x^9 - x^8 + 6x^7 - 6x^6 + 6x^5 + 6x^4 - 6x^3 + 6x^2 + 9x - 9$ $x^9 - 10x^6 + 20x^3 - 20$	$2\ [\ ]_9$	$3\ \left[\frac{3}{2}\right]_2$	$5\ [\ ]_9$
29.23	$x^9 - 3x^8 + 2x^7 + 10x^6 - 7x^5 - 11x^4 + 11x^3 + 6x^2 - 4x - 2$ $x^9 - 4x^8 + 4x^7 - 2x^6 + 13x^5 - 18x^4 - 2x^3 - 6x^2 + 33x - 18$ $x^9 - 3x^8 + 10x^7 - 12x^6 + 12x^5 + 6x^4 + 18x^3 + 8x^2 + 7x + 1$	$2\ [\ ]_3$	$3\ [\ ]_2$	$113\ [\ ]_2$
30.10	$x^9 - 3x^8 + 9x^7 - 18x^6 + 21x^5 - 9x^4 + 6x^3 - 21x^2 + 27x - 11$ $x^9 - 3x^8 + 6x^7 - 6x^6 + 6x^5 + 24x^4 - 12x^3 + 36x^2 + 16$ $x^9 - 3x^8 + 9x^7 - 21x^6 + 42x^5 - 60x^4 + 66x^3 - 48x^2 + 24x - 4$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, \frac{3}{2}\right]_2$	$17\ [\ ]_2$
30.44	$x^9 - 3x^8 + 8x^7 - 8x^6 + 9x^5 + 3x^4 + 13x^3 + 7x^2 + 5x + 1$ $x^9 - 4x^8 + 11x^7 - 10x^6 - 3x^5 + 34x^4 - 49x^3 + 48x^2 - 24x + 8$ $x^9 - 4x^7 - 11x^6 + 2x^5 + 16x^4 + 5x^3 + 6x^2 + 54x - 103$	$2\ [\ ]_3$	$5\ [\ ]_3$	$43\ [\ ]_2$
30.53	$x^9 - 3x^8 + 9x^7 - 12x^6 + 21x^5 + 3x^4 + 6x^3 + 27x^2 + 9x + 33$ $x^9 - 30x^4 + 60x^3 - 45x + 30$ $x^9 - 3x^8 + 9x^7 - 27x^6 + 36x^5 - 102x^4 + 66x^3 - 168x^2 + 84x - 52$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, \frac{3}{2}\right]_2$	$5\ [\ ]_9$
31.16	$x^9 - 3x^6 + 3x^3 + 3$ $x^9 - 3x^6 + 3x^3 - 3$ $x^9 - 3x^6 + 9x^3 - 9$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, \frac{5}{2}, \frac{8}{3}, \frac{17}{6}\right]_2$	
33.47	$x^9 - x^8 + 2x^7 + 3x^5 + 7x^4 - 2x^3 + 4x^2 + 1$ $x^9 + 7x^7 - 2x^6 + 18x^5 - x^4 + 12x^3 + 3x^2 + 2x + 1$ $x^9 - 9x^7 - 4x^6 + 27x^5 + 24x^4 + 20x^3 - 36x^2 - 141x - 107$	$3\ [2]$	$5\ [\ ]_3$	$7\ [\ ]_2$
34.78	$x^9 - 3x^8 + 3x^7 + 5x^6 - 18x^4 + 18x^3 - 12$ $x^9 - 3x^8 + 2x^6 + 12x^5 - 15x^4 - 7x^3 + 9x^2 + 6x + 1$ $x^9 - 3x^8 + 9x^7 - 4x^6 + 30x^5 - 42x^4 + 149x^3 + 9x^2 + 69x + 22$	$2\ [\ ]_3$	$3\ \left[\frac{5}{2}\right]_2$	$5\ [\ ]_3$
34.92	$x^9 - 2x^7 + 4x^5 - 2x^4 - 14x^3 - 16x^2 - 8x - 2$ $x^9 - x^8 + 4x^7 + 6x^6 - 28x^5 + 52x^4 - 50x^3 + 28x^2 - 7x + 1$ $x^9 - 12x^7 - 16x^6 + 36x^5 + 66x^4 - 60x^3 - 144x^2 - 36x - 46$	$2\ [\ ]_9$	$3\ [2]$	$19\ [\ ]_2$
35.11	$x^9 - 6x^7 - 30x^6 + 36x^5 + 120x^4 + 12x^3 - 24x + 8$ $x^9 + 24x^5 - 48x^4 - 24x^3 + 144x^2 - 144x + 48$ $x^9 - 6x^7 - 18x^6 + 12x^5 + 72x^4 + 108x^3 - 24x^2 - 120x - 104$	$2\ [\ ]_9$	$3\ \left[\frac{3}{2}, \frac{3}{2}\right]_2$	$17\ [\ ]_2$

GRD	Polynomial	Slope Data		
35.51	$x^9 - 2x^8 + 6x^7 - 6x^6 + 4x^5 + 2x^4 - 4x^3 + 2x^2 + 8x - 2$ $x^9 - 4x^8 + 6x^7 + 4x^6 - 26x^5 + 46x^4 - 50x^3 + 50x^2 - 40x + 14$ $x^9 - 4x^8 - 4x^7 + 34x^6 - 22x^5 - 56x^4 + 52x^3 + 50x^2 - 80x + 30$	$2\,[\ ]_9$	$5\,[\ ]_3$	$43\,[\ ]_2$
35.51	$x^9 - 3x^8 + 6x^7 - 8x^6 + 8x^5 - 6x^4 + 10x^3 - 8x^2 + 7x - 13$ $x^9 - 2x^8 + 4x^7 - 2x^6 - 12x^5 + 32x^4 - 52x^3 - 120x^2 + 280x + 40$ $x^9 - 8x^7 - 2x^6 + 28x^5 + 24x^4 - 18x^3 - 22x^2 + 2x + 6$	$2\,[\ ]_9$	$5\,[\ ]_3$	$43\,[\ ]_2$
35.91	$x^9 - 4x^6 + 2x^3 - 2$ $x^9 - 6x^6 + 12x^3 + 2$ $x^9 - 2x^6 + 8x^3 - 4$	$2\,[\ ]_9$	$3\,\left[\frac{3}{2}, 2\right]_2$	$5\,[\ ]_3$
36.35	$x^9 + 12x^3 - 12$ $x^9 - 6x^6 + 12x^3 - 12$ $x^9 - 6x^6 + 18x^3 - 18$	$2\,[\ ]_9$	$3\,\left[\frac{3}{2}, \frac{5}{2}, \frac{8}{3}, \frac{17}{6}\right]_2$	
36.35	$x^9 - 12x^6 + 12x^3 - 6$ $x^9 - 6x^6 + 12x^3 - 6$ $x^9 - 6x^3 - 6$	$2\,[\ ]_9$	$3\,\left[\frac{3}{2}, \frac{5}{2}, \frac{8}{3}, \frac{17}{6}\right]_2$	
37.13	$x^9 - 4x^8 + 13x^6 - x^5 - 20x^4 - x^3 + 8x^2 + 5x + 3$ $x^9 - 2x^8 + x^7 + x^6 + 7x^5 - 21x^4 + 46x^3 - 47x^2 + 42x - 20$ $x^9 - 3x^8 + 7x^7 - 39x^6 + 62x^5 - 130x^4 + 166x^3 - 104x^2 + 32x - 4$	$2\,[\ ]_3$	$547\,[\ ]_2$	
37.81	$x^9 - 3x^8 + 4x^7 - 6x^6 + 13x^5 - 11x^4 + 8x^2 + x - 1$ $x^9 - 4x^8 + 8x^7 - 11x^6 + 12x^5 - 42x^4 + 87x^3 - 126x^2 + 96x - 141$ $x^9 - 10x^6 + 5x^3 - 32$	$2\,[\ ]_3$	$3\,\left[\frac{3}{2}\right]_2$	$17\,[\ ]_3$
39.78	$x^9 - 6x^6 + 3x^3 - 2$ $x^9 - 3x^6 + 12x^3 - 4$ $x^9 - 12x^6 + 12x^3 - 16$	$2\,[\ ]_3$	$3\,\left[\frac{3}{2}, \frac{5}{2}, \frac{8}{3}, \frac{19}{6}\right]_2$	
39.78	$x^9 - 3x^6 + 3x^3 - 4$ $x^9 - 3x^6 + 12x^3 - 16$ $x^9 - 6x^6 - 60x^3 - 128$	$2\,[\ ]_3$	$3\,\left[\frac{3}{2}, \frac{5}{2}, \frac{8}{3}, \frac{19}{6}\right]_2$	
39.78	$x^9 - 3x^6 + 3x^3 + 2$ $x^9 - 3x^6 - 6x^3 - 4$ $x^9 - 6x^6 + 12x^3 + 16$	$2\,[\ ]_3$	$3\,\left[\frac{3}{2}, \frac{5}{2}, \frac{8}{3}, \frac{19}{6}\right]_2$	
39.85	$x^9 - x^8 + 6x^7 + 5x^6 + 6x^5 + 16x^4 + 25x^3 + 16x^2 + 2x - 1$ $x^9 + 9x^7 - 10x^6 + 27x^5 - 60x^4 + 20x^3 - 90x^2 - 21x - 101$ $x^9 - 9x^7 - 10x^6 + 27x^5 + 60x^4 + 10x^3 - 90x^2 - 111x - 123$	$3\,\left[\frac{3}{2}\right]_2$	$5\,[\ ]_2$	$11\,[\ ]_3$
40.58	$x^9 - 3x^8 + 4x^7 - 8x^5 + 8x^4 - 6x^3 + 4x^2 + x + 1$ $x^9 - 4x^6 + 12x^3 + 18$ $x^9 - 6x^6 + 12x^3 - 18$	$2\,[\ ]_9$	$3\,\left[\frac{5}{2}\right]_2$	$5\,[\ ]_3$
40.60	$x^9 - x^8 - 2x^6 + 4x^4 + 6x^3 + 8x^2 + 5x + 1$ $x^9 - 2x^8 + 6x^7 - 10x^6 + 34x^5 - 64x^4 + 42x^3 - 96x^2 + 186x - 98$ $x^9 - 3x^8 + 14x^7 - 42x^6 + 180x^5 - 652x^4 + 1810x^3 - 3398x^2 + 3743x - 2969$	$2\,[\ ]_9$	$11\,[\ ]_2$	$17\,[\ ]_3$
42.12	$x^9 - 3x^8 + 6x^7 - 12x^6 + 18x^5 - 24x^4 + 18x^3 - 24x^2 + 9x - 1$ $x^9 - 3x^8 + 6x^7 - 12x^6 + 24x^5 - 30x^4 + 24x^3 - 36x^2 + 9x - 5$ $x^9 - 3x^8 + 6x^7 + 36x^6 - 102x^5 + 192x^4 + 18x^3 - 1512x^2 + 609x + 2455$	$2\,[\ ]_9$	$3\,\left[\frac{3}{2}, \frac{3}{2}\right]_2$	$11\,[\ ]_3$
42.29	$x^9 - x^8 + 4x^7 - 9x^6 + 14x^5 - x^4 - 5x^3 + 2x^2 - 2x - 2$ $x^9 - 4x^8 + 10x^7 - 23x^6 + 36x^5 - 36x^4 + 55x^3 - 2x^2 + 34x + 23$ $x^9 + x^7 - 10x^6 + 37x^5 + 80x^4 + 153x^3 + 100x^2 + 40x + 10$	$2\,[\ ]_3$	$5\,[\ ]_3$	$83\,[\ ]_2$
42.29	$x^9 - x^8 + 3x^7 - 3x^6 + 14x^5 - 20x^4 + 30x^3 - 16x^2 + 8x + 4$ $x^9 - x^8 + 8x^7 - 5x^6 + 20x^5 - 27x^4 + 53x^3 - 40x^2 + 28x - 10$ $x^9 - 4x^8 + 34x^7 - 119x^6 + 426x^5 - 904x^4 + 1599x^3 - 1770x^2 + 1100x - 575$	$2\,[\ ]_3$	$5\,[\ ]_3$	$83\,[\ ]_2$

GRD	Polynomial	Slope Data		
42.63	$x^9 - 3x^6 + 9x^3 - 5$ $x^9 - 9x^6 + 15x^3 - 25$ $x^9 - 15x^6 + 225x^3 - 625$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, 2, \frac{13}{6}\right]_2$	$5\ [\ ]_3$
42.63	$x^9 - 9x^6 - 3x^3 - 2$ $x^9 - 3x^6 + 18x^3 + 4$ $x^9 - 18x^6 - 12x^3 - 16$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, 2, \frac{13}{6}\right]_2$	$5\ [\ ]_3$
42.72	$x^9 - 2x^8 + 4x^7 - 14x^6 + 6x^5 - 28x^4 + 8x^3 - 16x^2 - 4$ $x^9 - x^8 - 2x^7 - 12x^6 + 24x^5 + 6x^4 + 30x^3 - 96x^2 + 51x - 9$ $x^9 + 12x^7 - 10x^6 + 72x^5 - 36x^4 + 46x^3 + 198x^2 - 246x + 210$	$2\ [\ ]_9$	$3\ \left[\frac{3}{2}\right]_2$	$41\ [\ ]_2$
43.31	$x^9 - 3x^8 - 6x^7 + 22x^6 + 8x^5 - 52x^4 + 88x^3 - 40x^2 - 255x + 279$ $x^9 - x^8 + 14x^7 - 34x^6 + 72x^5 - 76x^4 + 54x^3 - 30x^2 + 11x + 1$ $x^9 - 2x^8 + 6x^7 - 24x^6 + 64x^5 - 112x^4 + 132x^3 - 104x^2 + 52x - 12$	$2\ [\ ]_9$	$547\ [\ ]_2$	
43.31	$x^9 - x^8 + 2x^7 + 2x^6 + 12x^5 - 18x^4 + 24x^3 + 2x^2 - 5x - 1$ $x^9 - x^8 - 10x^7 - 24x^6 - 48x^5 - 34x^4 - 2x^3 + 4x^2 + 83x - 105$ $x^9 - x^8 - 4x^7 - 12x^6 - 44x^5 - 56x^4 - 56x^3 - 72x^2 - 45x - 27$	$2\ [\ ]_9$	$547\ [\ ]_2$	
43.41	$x^9 - x^8 + 8x^7 - 3x^6 + 10x^5 - 29x^4 + 21x^3 - 4x^2 + 2x - 2$ $x^9 - 9x^7 - 8x^6 + 27x^5 + 48x^4 - 23x^3 - 72x^2 - 12x + 84$ $x^9 + 9x^7 - 2x^6 + 27x^5 - 12x^4 + 23x^3 - 18x^2 - 12x - 4$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, 2\right]_2$	$17\ [\ ]_2$
43.62	$x^9 - 4x^8 + 11x^7 - 5x^6 - 28x^5 + 71x^4 - 89x^3 + 44x^2 - 16x + 32$ $x^9 - 4x^8 + 4x^7 + 4x^6 + 21x^5 - 8x^4 + 2x^3 - 8x^2 + 25x - 10$ $x^9 - 3x^8 + 8x^7 - 20x^6 + 50x^5 - 66x^4 + 64x^3 - 108x^2 + 45x - 27$	$2\ [\ ]_3$	$5\ [\ ]_2$	$151\ [\ ]_2$
43.68	$x^9 - 9x^7 - 12x^6 + 27x^5 + 72x^4 - 15x^3 - 108x^2 - 36x - 28$ $x^9 - 3x^7 - 2x^6 - 9x^5 - 42x^4 - 45x^3 - 18x^2 - 36x - 58$ $x^9 + 6x^7 - 5x^6 + 18x^5 - 24x^4 + 63x^3 - 72x^2 + 36x - 7$	$2\ [\ ]_3$	$3\ [2, 2, 2]$	$11\ [\ ]_2$
44.03	$x^9 - 5x^6 - 25x^3 - 25$ $x^9 - 15x^6 + 15x^3 - 5$ $x^9 - 5x^6 + 5x^3 + 5$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, 2\right]_2$	$5\ [\ ]_9$
44.32	$x^9 - x^8 + 4x^7 - 8x^6 + 8x^5 - 12x^4 + 12x^3 - 5x + 5$ $x^9 - x^8 + 10x^7 - 26x^6 + 50x^5 - 112x^4 + 122x^3 - 114x^2 + 73x - 21$ $x^9 - x^8 + 6x^7 + 36x^6 + 18x^5 + 136x^4 + 2x^3 + 320x^2 - 95x + 245$	$2\ [\ ]_9$	$5\ [\ ]_3$	$67\ [\ ]_2$
44.40	$x^9 - 9x^5 + 3x^3 - 9x^2 + 9x - 3$ $x^9 - 6x^6 - 27x^5 - 18x^4 + 60x^3 + 108x^2 + 63x + 10$ $x^9 - 9x^6 - 90x^5 + 57x^3 + 360x^2 + 900x + 2973$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, \frac{5}{2}\right]_2$	$5\ [\ ]_3$
44.40	$x^9 + 9x^5 - 18x^4 + 12x^3 - 18x^2 + 9x - 6$ $x^9 - 15x^6 + 54x^5 - 36x^4 + 141x^3 - 324x^2 + 234x - 89$ $x^9 - 6x^6 + 45x^5 - 3x^3 - 45x^2 + 225x + 367$	$2\ [\ ]_3$	$3\ \left[\frac{3}{2}, \frac{5}{2}\right]_2$	$5\ [\ ]_3$