

$GL_3(\mathbf{F}_2)$ 

GRD	Polynomial	Slope Data
32.25	$x^7 - x^6 - 9x^5 - x^4 + 19x^3 + 21x^2 - 23x - 13$ $x^7 - x^6 - 9x^5 - x^4 + 19x^3 + 21x^2 + 21x + 9$ $x^8 - 2x^7 + 2x^6 - 8x^5 + 16x^4 - 16x^3 + 14x^2 - 10x + 4$	2 [ ] <sub>7</sub> 3 [ ] <sub>4</sub> 11 [ ] <sub>7</sub>
32.25	$x^7 - 2x^6 + 2x^4 - 2x^3 + 2x^2 - 2$ $x^7 - 3x^6 + 3x^5 - x^4 - 5x^3 + 5x^2 + 3x - 1$ $x^8 - x^7 - 4x^6 - 12x^5 + 8x^4 + 64x^3 + 16x^2 - 32x + 24$	2 [ ] <sub>7</sub> 317 [ ] <sub>2</sub>
35.06	$x^7 - x^6 + 2x^5 - 12x^4 - 14x^3 + 10x^2 + 10x - 2$ $x^7 - 3x^6 + 7x^5 - 5x^4 - 12x^3 + 32x^2 - 36x + 4$ $x^8 - 4x^7 + 10x^6 - 12x^5 - 7x^4 + 44x^3 - 46x^2 - 4x + 95$	2 [ $\frac{8}{3}, \frac{8}{3}$ ] <sub>3</sub> 11 [ ] <sub>7</sub>
37.64	$x^7 - x^6 - 3x^5 + x^4 + 4x^3 - x^2 - x + 1$ $x^7 - 2x^6 - x^5 + 4x^4 - 3x^2 - x + 1$ $x^8 - 4x^7 + 11x^6 - 11x^5 - 43x^4 + 109x^3 + 7x^2 - 251x + 230$	13 [ ] <sub>2</sub> 109 [ ] <sub>2</sub>
38.13	$x^7 - 3x^6 + 3x^5 + x^4 - 3x^3 + x^2 - x - 1$ $x^7 - 3x^6 + x^5 + 3x^4 - x^3 + x^2 - 3x - 1$ $x^8 - 3x^7 - 4x^6 - 10x^5 + 46x^4 + 164x^3 + 254x^2 + 226x + 90$	2 [ ] <sub>7</sub> 443 [ ] <sub>2</sub>
38.72	$x^7 - 2x^6 + 2x^5 + 2x^4 - 4x^3 + 4x^2 - 4$ $x^7 - 2x^6 - 2x^5 + 6x^4 - 4x^3 - 2x^2 + 4x - 2$ $x^8 - 3x^7 + 8x^6 - 20x^5 + 24x^4 - 20x^3 + 8x^2 + 8x + 8$	2 [ ] <sub>7</sub> 457 [ ] <sub>2</sub>
39.16	$x^7 - x^6 + x^5 + x^4 - 3x^3 + 5x^2 - 2x - 1$ $x^7 - x^6 + x^5 - 6x^4 + 4x^3 + 5x^2 - 2x - 1$ $x^8 - 3x^7 + 15x^6 - 32x^5 + 61x^4 - 93x^3 + 65x^2 - 17x + 4$	7 [ ] <sub>4</sub> 19 [ ] <sub>4</sub>
39.20	$x^7 - x^6 - 9x^5 - x^4 + 8x^3 - 12x^2 - 12x - 2$ $x^7 - 2x^6 + 8x^5 - 8x^4 - 4x^3 + 12x^2 - 20x + 8$ $x^8 - 2x^7 + 4x^6 + 2x^5 + 27x^4 - 46x^3 + 84x^2 - 10x + 59$	2 [ $\frac{4}{3}, \frac{4}{3}$ ] <sub>3</sub> 5 [ ] <sub>2</sub> 11 [ ] <sub>7</sub>
39.54	$x^7 - x^6 + 3x^5 - 5x^4 + 3x^3 + 9x^2 - 7x + 1$ $x^7 - 2x^6 - 4x^5 + 6x^4 + 8x^3 - 22x^2 + 16x - 2$ $x^8 - 4x^7 - 6x^6 + 32x^5 + 80x^4 + 26x^3 - 54x^2 - 14x + 20$	2 [ ] <sub>7</sub> 61 [ ] <sub>4</sub>
39.55	$x^7 - x^6 + 13x^5 - 23x^4 + 8x^3 - 23x^2 + 21x + 9$ $x^7 - x^6 - 9x^5 + 21x^4 - 3x^3 - 23x^2 + 10x + 9$ $x^8 - 3x^7 + 9x^6 - 21x^5 + 44x^4 - 69x^3 + 84x^2 - 84x + 73$	3 [ ] <sub>2</sub> 5 [ ] <sub>3</sub> 11 [ ] <sub>7</sub>
40.08	$x^7 - 7x - 3$ $x^7 - 7x^4 - 21x^3 + 21x^2 + 42x - 9$ $x^8 - 4x^7 + 7x^6 - 7x^5 + 7x^4 - 7x^3 + 7x^2 + 5x + 1$	3 [ $\frac{3}{2}$ ] <sub>2</sub> 7 [ $\frac{4}{3}$ ] <sub>3</sub>
41.35	$x^7 - 2x^5 - 4x^4 - 2x^3 - 2x^2 + 2$ $x^7 - 3x^6 + 5x^5 - 7x^4 + 5x^3 - 3x^2 - x + 1$ $x^8 - x^7 - 17x^6 + 33x^5 + 53x^4 - 169x^3 + 233x^2 - 479x + 476$	2 [ ] <sub>7</sub> 521 [ ] <sub>2</sub>
43.26	$x^7 - 14x^4 - 21x^3 - 42x^2 - 28x + 30$ $x^7 - 7x^5 + 21x^3 - 14x^2 - 7x + 4$ $x^8 - 4x^7 + 14x^6 - 28x^5 + 49x^4 - 56x^3 + 56x^2 - 14x + 7$	2 [ $\frac{4}{3}, \frac{4}{3}$ ] <sub>3</sub> 3 [ ] <sub>2</sub> 7 [ $\frac{4}{3}$ ] <sub>3</sub>
43.40	$x^7 + 2x^5 - 12x^3 - 2x^2 + 6x - 2$ $x^7 - 2x^6 - 2x^5 + 2x^4 - 8x^2 + 4x + 4$ $x^8 - 2x^7 + 4x^6 + 8x^5 + 36x^4 + 26x^3 + 16x^2 + 2x + 9$	2 [ ] <sub>7</sub> 7 [ ] <sub>4</sub> 31 [ ] <sub>2</sub>
44.10	$x^7 - 3x^6 + 3x^5 + 3x^4 - 18x^3 + 28x^2 - 24x + 8$ $x^7 - 7x^5 - 10x^4 + 3x^3 + 3x + 2$ $x^8 - 4x^7 + 14x^6 - 28x^5 + 49x^4 - 56x^3 + 56x^2 + 74x + 69$	2 [ $\frac{4}{3}, \frac{4}{3}$ ] <sub>3</sub> 53 [ ] <sub>4</sub>

GRD	Polynomial	Slope Data
44.27	$x^7 - 2x^6 - 4x^5 + 10x^3 + 4x^2 - 10x - 6$ $x^7 - 2x^6 - 6x^5 + 14x^4 - 70x^2 - 42x + 18$ $x^8 - x^7 + 7x^6 - x^5 + 33x^4 + x^3 + 61x^2 + 13x + 58$	$2 [ ]_7$ $3 [ ]_2$ $53 [ ]_3$
44.50	$x^7 - 7x^5 - 14x^4 - 7x^3 - 7x + 2$ $x^7 - 14x^3 - 14x^2 + 7x + 22$ $x^8 - 4x^7 + 14x^6 - 28x^5 + 49x^4 - 56x^3 + 56x^2 - 24x + 5$	$2 [2, 3]$ $7 [ \frac{4}{3} ]_3$