

New APN polynomials (up to CCZ-equivalence) over  $\mathbb{F}_{2^{11}}$

Classes No.	Polynomials
1	$x^{12} + x^{10} + x^9 + x^5 + x^3$ $x^{1536} + x^{1026} + x^{514} + x^{513} + x^3$
2	$x^{258} + x^{257} + x^{18} + x^{17} + x^3$
3	$x^{96} + x^{66} + x^{34} + x^{33} + x^3$ $x^{192} + x^{130} + x^{129} + x^{65} + x^3$
4	$x^{80} + x^{68} + x^{65} + x^{17} + x^5$ $x^{640} + x^{516} + x^{132} + x^{129} + x^5$
5	$x^{260} + x^{257} + x^{36} + x^{33} + x^5$