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On permutation polynomials of prescribed shape. (English) Zbl 1220.11145
Finite Fields Appl. 15, No. 2, 195-206 (2009).

Summary: We count permutation polynomials of \mathbb{F}_q which are sums of $m+1$ (≥ 2) monomials of prescribed degrees. This allows us to prove certain results about existence of permutation polynomials of prescribed shape.

MSC:

11T06 Polynomials over finite fields

Cited in **2** Reviews
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Keywords:

permutation polynomials; finite fields

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