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University of Lethbridge, Lethbridge, Alberta T1K 3M4, Canada. *On Permutation Polynomials.*

A polynomial is a permutation polynomial of a finite field  $\mathbb{F}_q$  if it induces a bijective map from  $\mathbb{F}_q$  onto itself. In general, it is a challenging task to characterize permutation polynomials. We describe certain results about existence of permutation polynomials of prescribed shape.

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