

“When Does a Polynomial Permute a Finite Field?”

Reading Group Talk EE2, 17th august 2016

References

1. “When does a Polynomial Permute the Elements of the Finite Field?”

Rudolf Lidl and Gary L. Mullen

The American Mathematical Monthly

Vol. 95, No. 3 (Mar., 1988), pp. 243-246

Published by: [Mathematical Association of America](#)

DOI: 10.2307/2323626

Stable URL: <http://www.jstor.org/stable/2323626>

2. “When Does a Polynomial over a Finite Field Permute the Elements of the Field?”, II

Rudolf Lidl and Gary L. Mullen

The American Mathematical Monthly

Vol. 100, No. 1 (Jan., 1993), pp. 71-74

Published by: [Mathematical Association of America](#)

DOI: 10.2307/2324822

Stable URL: <http://www.jstor.org/stable/2324822>

3. “The Compositional Inverse of a Class of Permutation Polynomials over a Finite Field”, Robert Coulter, M. Henderson, url: <http://www.math.udel.edu/~coulter/papers/doinverse.pdf>

4. “On Permutation Polynomials over Finite Fields”, Mollin and Small, Internat. J. Math. & Math. Sci., Vol.0, No.3, (1987), 535-544

5. “Some Families of Permutation Polynomials over Finite Fields”, Michael Zieve, 2008, url: <http://dept.math.lsa.umich.edu/~zieve/papers/pp-ijnt.pdf>