



THE WEIZMANN INSTITUTE OF SCIENCE  
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 261 ,Ziskind Building  
on Wednesday, May 20, 2015  
at 11:00

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Autocorrelations of the Moebius function over function fields

Abstract:

In this talk we shall discuss results on autocorrelations of the arithmetic Moebius function of polynomials over finite fields, in the limit of a large base field. Special consideration will be given to base fields of characteristic 2, where both methods and results substantially differ from those applicable in odd characteristics. The methods used are mostly elementary, with a hint of algebraic geometry.