



ODTU-Bilkent Algebraic Geometry

Equidistribution for Zeros of Random Polynomial Systems

By

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Abstract: A classical result of Erdős and Turan asserts that for a univariate complex polynomial whose middle coefficients are comparable to the extremal ones, the zeros accumulate near the unit circle. We prove the analogous result for random polynomial mappings with Bernoulli coefficients. The talk is based on the joint work with Çiğdem Çelik.

Date: 1 March 2024, Friday

Time: 15:40 (GMT+3)

Place: Zoom

To request the event link, please send a message to sertoz@bilkent.edu.tr