

Seminari de Geometria Algebraica 2011/2012 (UB-UPC)
Divendres 4 de Novembre a les 15 h, aula B1 de la FM-UB
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Quantitative equidistribution for the solutions of a system of polynomial equations

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A celebrated result due to Erdos and Turan states that, for a univariate polynomial with complex coefficients such that its middle coefficients are not too big with respect to the extremals, the arguments of its roots are approximately equidistributed. Combined with a recent result by Hughes and Nikeghbali, this shows that the roots of such a polynomial cluster uniformly near the unit circle. We generalize these results to systems of multivariate polynomial equations.
