İSTANBUL ANALYSIS SEMINARS

INTERPOLATION BY POLYNOMIALS AND RATIONAL FUNCTIONS ON COMPACT SETS

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Abstract: Estimating the Lebesgue constants for polynomial interpolation on compacts is a classical problem of the approximation theory. There are also analogues for interpolation by rational functions. The main goal of this talk is to present series of results about estimation of the Lebesgue constants for polynomial interpolation at the zeros or at the extremas of the Chebyshev polynomials with weights.

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