

Analysis Seminar talk, November 17, 2008

Al Baernstein

Inequalities for integral means of polynomials

Abstract. We shall discuss some extremal problems involving $\int_{-\pi}^{\pi} \psi(|P(e^{i\theta})|) d\theta$, for certain functions ψ and analytic polynomials P in the plane. These problems are related to the Krzyz Conjecture.

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