

Estimates of integral norms of polynomials on spaces with convex measures

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Localization technique will be discussed. This technique will be applied to prove integrability of measurable polynomials of degree d in every positive power with respect to a convex measure, and equivalence of their L^p -norms. Moreover, an estimate of L^1 -norms of continuous polynomials by L^1 -norms of their restrictions to any set of positive measure will be proved.