

ALGUNAS PROPIEDADES GEOMÉTRICAS DE ESPACIOS DE BANACH CON MÓDULO DE CONVEXIDAD DE POTENCIA 2

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ABSTRACT. An upper bounded $q(c)$ for the best, under equivalent renorming, possible power type of the modulus of smoothness of a Banach space with modulus of convexity satisfying $\delta_X(\epsilon) \geq c\epsilon^2$ is found. The estimate is sharp and is expressed in terms of linear fractional function $q(c)$.