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***Deformation of Banach spaces***

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**Abstract:** Using some moduli of convexity and smoothness we introduce a function which allows us to measure the deformation of Banach spaces. A few properties of this function are derived and its applicability in the geometric theory of Banach spaces is indicated.

**Keywords:** uniformly convex Banach space, uniformly smooth Banach space, modulus of convexity, modulus of smoothness

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