

Quasiconformal mappings, the distance to L^∞ in some function spaces and applications

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Abstract

In this talk we present several quantitative estimates which involve the distance to L^∞ in some function spaces and the composition operator induced by a quasiconformal mapping. We mainly deal with the two dimensional case. As a related topic, we consider some estimates which involve the distance to L^∞ in some function spaces and the logarithm of the jacobian of a quasiconformal mapping.

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