

## QUASICONFORMAL MAPS WITH THIN DILATATIONS

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**Abstract:** We give an estimate that quantifies the fact that a normalized quasiconformal map whose dilatation is non-zero only on a set of small area approximates the identity uniformly on the whole plane. The precise statement is motivated by applications of the author’s quasiconformal folding method for constructing entire functions; in particular an application to constructing transcendental wandering domains given by Fagella, Godillon, and Jarque [7].

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**Key words:** quasiconformal maps, conformal modulus, quasiconformal folding, Pompeiu’s formula, holomorphic dynamics.