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ON QUASICONFORMAL HARMONIC MAPS BETWEEN SURFACES

Abstract. The following theorem is proved: If w is a quasiconformal harmonic mapping between two Riemann surfaces with compact and smooth boundaries and approximate analytic metrics, then w is bi-Lipschitz continuous with respect to internal metrics. If the surfaces are subsets of the Euclidean spaces, then w is bi-Lipschitz with respect to the Euclidean metrics.