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Sewing Homeomorphisms and Quasidisks

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Abstract. The geometry of a Jordan domain D is encoded in properties of the homeomorphism $h: \partial\mathbb{D} \rightarrow \partial\mathbb{D}$ induced by conformal mappings of D and D^* onto the unit disk \mathbb{D} . We illustrate here how h can be used to study quasidisks.

Keywords. Quasidisk, conjugate quadrilateral inequality, harmonic quasisymmetry, cross ratio.

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