

Becker type univalence conditions for harmonic mappings

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Abstract

© 2016, Allerton Press, Inc. We obtain Becker type univalence conditions for locally univalent harmonic mappings defined in one of the following domains: the unit disc, a halfplane, the exterior of the unit disc and prove a generalization of John's univalence condition.

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Keywords

Becker univalence condition, global univalence, harmonic mapping, John univalence condition