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Abstract. This article is devoted to the study of mappings defined in the plane domain. Under certain conditions, the upper estimate of the distortion of the modulus of families of paths is obtained. Similarly, the upper estimate of the modulus of the families of paths in the pre-image under the mapping is also obtained.

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Abstract

This article is devoted to the study of mappings defined in the plane domain. Under certain conditions, the upper estimate of the distortion of the modulus of families of paths is obtained. Similarly, the upper estimate of the modulus of the families of paths in the pre-image under the mapping is also obtained.

Keywords: Mappings with a finite and bounded distortion; moduli; capacity

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