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ON HARMONIC UNIFORMLY STARLIKE FUNCTIONS DEFINED BY AN INTEGRAL OPERATOR

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Abstract

Using the integral operator, we define and study a generalized family of complex valued harmonic functions that are multivalent, sense-preserving and are associated with uniformly harmonic functions in the unit disc. We obtain coefficient inequalities, extreme points and distortion bounds for the functions in our class.

Key Words : *Integral operator, Harmonic multivalent functions, Uniformly harmonic starlike.*

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