A new class of harmonic uniformly starlike functions defined by an integral operator

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Abstract

Using the integral operator, we define and investigate a new class of complex-valued harmonic uniformly starlike functions in the unit disk. We obtain coefficient inequalities, extreme points and distortion bounds for the functions in our class. We also obtain convex combination for functions belonging to the investigated class. Presented results are a generalization of the results obtained by the earlier papers in the literature.

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References


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