

Harmonic functions which are starlike of order β with respect to other points

ABSTRACT

Let \mathcal{H} denote the class of functions f which are harmonic and univalent in the open unit disc $D = \{z : |z| < 1\}$. This paper defines and investigates a family of complex-valued harmonic functions that are orientation preserving and univalent in D and are related to the functions starlike of order β ($0 \leq \beta < 1$), with respect to other points. We obtain growth result, extreme points, convolution and convex combinations for the above harmonic functions.