Harmonic functions which are starlike of complex order with respect to symmetric points

Abstract

Let H{script} denote the class of functions f which are harmonic, orientation preserving 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 complex order with respect to symmetric points. The authors obtain coefficient conditions and growth result.