

Coefficient Estimates for Certain Subclasses of Bi-Univalent Functions

ABSTRACT

Let Σ denote the class of bi-univalent functions in $D = \{z \in \mathbb{C} : |z| < 1\}$. In this paper, we consider two subclasses of Σ defined in the open unit disk D which are denoted by $S^*_s, \Sigma(\varphi)$ and $C_{s, \Sigma}(\varphi)$. Besides, we find upper bounds for the second and third coefficients for functions in these subclasses.