

Some properties for subclass of convex functions with respect to symmetric conjugate points

Abstract

This paper consider $Csc(A,B)$ as a class of functions f which are analytic in an open unit disc $D = \{z : |z| < 1\}$ and satisfying the condition $2(\operatorname{Re}\{zf(z)\}) - (f(z) - f(\bar{z})) < 1 + Az + Bz$, $-1 \leq B < A \leq 1$, $z \in D$. We obtain some properties of functions $f \in Csc(A,B)$ such as coefficient estimates, distortion theorem and integral operator.