## Properties for a subclass of starlike functions


#### Abstract

Let $S$ be the class of functions which are analytic and univalent in the open unit disc $D$ $=\{z:|z| \& \mid t ; 1\}$ given by $f(z)=z+\infty \Sigma n=2$ anzn and an a complex number. Let $T$ denote the class consisting of functions $f$ of the form $f(z)=z-\infty \Sigma n=2$ anzn where an is a non negative real number. In this paper, we develop new subclass of $S$ by adopting the original idea of Ramesha et al. [5] and Sudharsan et al. [7]. We give coefficient estimates, growth and extreme points for $f$ belonging to this class.


