

Some Results on Generalized Janowski Type Functions

Authors : Fuad Al Sarari

Abstract : The purpose of the present paper is to study subclasses of analytic functions which generalize the classes of Janowski functions introduced by Polatoglu. We study certain convolution conditions. This leads to a study of the sufficient condition and the neighborhood results related to the functions in the class $S(T; H; F)$: and a study of new subclasses of analytic functions that are defined using notions of the generalized Janowski classes and λ -symmetrical functions. In the quotient of analytical representations of starlikeness and convexity with respect to symmetric points, certain inherent properties are pointed out.

Keywords : convolution conditions, subordination, Janowski functions, starlike functions, convex functions

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