

SUBORDINATION AND SUPERORDINATION RESULTS FOR CERTAIN CLASS OF ANALYTIC FUNCTIONS

N. MAGESH, T. ROSY & K. MUTHUNAGAI

Abstract

In the present investigation, we obtain some subordination and superordination results involving Hadamard product for certain normalized analytic functions in the open unit disk. Our results extend corresponding previously known results.

Key Words and Phrases : Univalent functions, Starlike functions, Convex functions, Differential subordination, Differential superordination, Hadamard product (convolution), Dziok-Srivastava linear operator.

2000 Mathematics Subject Classification: Primary 30C45; Secondary 30C80