



Volume 8, Issue 1, Article 7

Inclusion and Neighborhood Properties for Certain Classes of Multivalently Analytic Functions Associated with the Convolution Structure

Authors: [J. K. Prajapat](#), [R.K. Raina](#), [Hari M. Srivastava](#),

Keywords: Multivalently analytic functions, Hadamard product (or convolution), Coefficient bounds, Coefficient inequalities, Inclusion properties, Neighborhood properties.

Date Received: 03/03/07

Date Accepted: 04/03/07

Subject Codes: Pri 30C45, 33C20; Sec 30A10.

Editors: [Themistocles M. Rassias](#),

Abstract: Making use of the familiar convolution structure of analytic functions, in this paper we introduce and investigate two new subclasses of multivalently analytic functions of complex order. Among the various results obtained here for each of these function classes, we derive the coefficient bounds and coefficient inequalities, and inclusion and neighborhood properties, involving multivalently analytic functions belonging to the function classes introduced here.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)