International J. of Pure & Engg. Mathematics (IJPEM) Volume 1 No. I (December, 2013), pp.1-14

CERTAIN FAMILY OF MULTIVALENT FUNCTIONS ASSOCIATED WITH SUBORDINATION

S. M. KHAIRNAR¹ & P. G. JADHAV²

¹ Professor and Head,
 Department of Engineering Sciences,
 MIT Academy of Engineering,
 Alandi, Pune-412105, India
 E-mail:- smkhairnar2007@gmail.com
 ² Assistant Professor in Mathematics,
 Hon. Balasaheb Jadhav Arts, Commerce and
 Science College, Ale, Pune (M.S.), India
 E-mail- pgjmaths@gmail.com

Abstract

There are many subclasses of multivalent functions. The objective of this paper is to introduce new class and we have attempted to obtain basic properties, weighted mean, arithmetic mean and linear combination, and other related results for the class $\mathcal{B}(A, B, \delta)$.

 $\label{eq:convex} \mbox{Key Words and Phrases}: \mbox{\it Multivalent function, Radius of star likeness, Subordinate, Close to convex.}$

© http://www.ascent-journals.com