



Volume 8, Issue 4, Article 118

## Integral Means For Uniformly Convex and Starlike Functions Associated With Generalized Hypergeometric Functions

**Authors:** [Om P. Ahuja](#), [G. Murugusundaramoorthy](#), [N. Magesh](#),

**Keywords:** Univalent, Starlike, Convex, Uniformly convex, Uniformly starlike, Hadamard product, Integral means, Generalized hypergeometric functions.

**Date Received:** 26/01/07

**Date Accepted:** 12/09/07

**Subject Codes:** 30C45.

**Editors:** [Sever S. Dragomir](#),

**Abstract:** Making use of the generalized hypergeometric functions, we introduce some generalized class of  $k$ -uniformly convex and starlike functions and for this class, we settle the Silverman's conjecture for the integral means inequality. In particular, we obtain integral means inequalities for various classes of uniformly convex and uniformly starlike functions in the unit disc.

 [Download Screen PDF](#)

 [Download Print PDF](#)

 [Send this article to a friend](#)

 [Print this page](#)