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

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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 meansinequality. In particular, we obtain integral means inequalities for various classes of uniformly convex and uniformly starlike functions in the unit disc.

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