

## CERTAIN SUBCLASSES OF UNIVALENT FUNCTIONS USING HYPERGEOMETRIC FUNCTION

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### Abstract

By making use of the generalized differential operator, we define a new subclass of uniformly starlike functions with negative coefficients and with fixed second coefficient. The object of the present paper is to determine coefficient estimates, distortion bounds, closure theorems and extreme points for functions  $f(z)$  belonging to this class.

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Key Words and Phrases : *Univalent functions, Coefficient estimates, Uniformly starlike function, Hypergeometric function.*

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