

**INCLUSION PROPERTIES INVOLVING GAUSSIAN  
HYPERGEOMETRIC FUNCTIONS FOR UNIVALENT  
FUNCTIONS WITH BOUNDED BOUNDARY ROTATION**

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**Abstract:** In this current article, the authors obtain certain inclusion relation between few subclasses of univalent functions with bounded boundary rotation and the familiar Gauss hypergeometric functions. The results obtained in this article includes earlier results available in the literature.

**Keywords and Phrases:** Analytic, Univalent, Gaussian Hypergeometric, Bounded boundary rotation.

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## 1. Introduction

Let  $\mathcal{A}$  be the class of functions  $f$  normalized by

$$f(z) = z + \sum_{n=2}^{\infty} a_n z^n, \quad (1.1)$$