

**COEFFICIENT ESTIMATES FOR ρ -FOLD SYMMETRIC
BI-UNIVALENT MA-MINDA TYPE FUNCTIONS**

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Abstract: In the present investigation, we consider new subclasses of Σ_ρ consisting of regular and ρ -fold symmetric bi-univalent functions in the open unit disk. We obtain coefficient bounds for $|a_{\rho+1}|$ and $|a_{2\rho+3}|$ of the functions from these new subclasses.

Keywords and Phrases: Bi-univalent functions, ρ -Fold symmetric function, ρ -Fold symmetric bi-univalent function.

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1. Introduction

We start with following notations. The class of maps that are holomorphic on the unit open disk $\Delta = \{\zeta : \zeta \in \mathbb{C} \text{ with } |\zeta| < 1\}$ and of form

$$h(\zeta) = \zeta + \sum_{l=2}^{\infty} a_l \zeta^l \tag{1.1}$$