Some Subordination Results Associated with Certain Subclasses of Analytic Functions

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Abstract:

For functions belonging to each of the subclasses $\mathcal{M}^*(\alpha)$ and $\mathcal{N}^*(\alpha)$ of normalized analytic functions in the open unit disk $\mathbb{U}$, which are investigated in this paper when $\alpha > 1$, the authors derive several subordination results involving the Hadamard product (or convolution) of the associated functions. A number of interesting consequences of some of these subordination results are also discussed.

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