Inclusion and Neighborhood Properties of Certain Subclasses of Analytic and Multivalent Functions of Complex Order

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Abstract:

In the present paper, the authors prove several inclusion relations associated with the (n, δ)-neighborhoods of certain subclasses of p-valently analytic functions of complex order, which are introduced here by means of a family of extended multiplier transformations. Special cases of some of these inclusion relations are shown to yield known results.

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