
NEIGHBORHOODS OF CERTAIN CLASSES OF ANALYTIC FUNCTIONS DEFINED BY THE MODIFIED TRICOMI FUNCTION

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ABSTRACT

By making use of the familiar concept of neighborhoods of analytic functions, the author proves several inclusion relations associated with the (n, δ) –neighborhoods of various subclasses defined by the modified Tricomi function. Special cases of some of these inclusion relations are shown to yield known results.

Keywords Analytic functions · Tricomi function · Neighborhoods

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