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On a Generalization of Alpha Convexity

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Abstract:

In this paper, we introduce and study a class $\tilde{M}_k(\alpha, \beta, \gamma)$, $k \geq 2$ of

analytic functions defined in the unit disc. This class generalizes the concept of alpha-convexity and include several other known classes of analytic functions. Inclusion results, an integral representation and a radius problem is discussed for this class.



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