

FEKETE-SZEGÖ INEQUALITIES FOR CERTAIN SUBCLASS OF ANALYTIC FUNCTIONS RELATED TO CONIC DOMAINS

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Abstract

Sharp bounds for the functional $|\eta a_2^2 - a_3|$ are derived for certain subclass of analytic functions defined by a linear operator. Special cases of the results obtained are shown to yield known results.

Key Words : *Fekete-Szegő problem, β -uniformly convex functions, conic domain, Hadamard product, Linear multiplier fractional differential operator.*

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