
FEKETE-SZEGÖ INEQUALITIES FOR A SUBCLASS OF BI-UNIVALENT FUNCTIONS INVOLVING GEGENBAUER POLYNOMIALS

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ABSTRACT

In this paper, we obtain bounds for the Fekete–Szegő inequalities for a new subclass of analytic and bi-univalent functions in the open unit disk involving Gegenbauer polynomials. Furthermore, we investigate several special cases and consequences of this new subclass

Keywords Analytic and bi-univalent functions · Subordination · Fekete–Szegő inequality · Gegenbauer polynomials

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