SECOND HANKEL DETERMINANT FOR A SUBCLASS OF BI-UNIVALENT FUNCTIONS INVOLVING THE CHEBYSHEV POLYNOMIALS

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Abstract. In this paper, we introduce a new subclass \(H_{\Sigma}(k,\lambda,t)\) of analytic bi-univalent function which is defined using the Chebyshev polynomials. We obtain an upper bound estimate for the second Hankel determinant for functions of this subclass.

References


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