

CONVOLUTION PROPERTIES OF UNIVALENT FUNCTIONS WITH MISSING SECOND COEFFICIENT

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Abstract

Silverman and Berman have investigated some properties of univalent functions with negative coefficients of the type $f(z) = z - \sum_{n=1}^{\infty} a_{2n}z^{2n}$, $a_{2n} \geq 0$. Padmanabhan and Ganeshan have obtained some results on Hadamard product of univalent functions with negative coefficients. In this paper we have obtained convolution results of univalent functions with missing second coefficient.

Key Words : *Convolution, Univalent functions, Cauch-Schwarz inequality.*

2000 AMS Subject Classification : 30C45, 30C50.

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