



Volume 7, Issue 2, Article 50

Coefficient Inequality For A Function Whose Derivative Has A Positive Real Part

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Keywords: Fekete-Szegö functional, Hankel determinant, Convex and starlike functions, Positive real functions.

Date Received: 07/03/05

Date Accepted: 09/03/06

Subject Codes: Primary 30C45.

Editors: [Anthony Sofo](#),

Abstract: Let \mathcal{R} denote the subclass of normalised analytic univalent functions f

defined by $f(z) = z + \sum_{n=2}^{\infty} a_n z^n$ and satisfy

$$\operatorname{Re}\{f'(z)\} > 0$$

where $f \in \mathcal{R}$, we give sharp upper bound for $|a_2 a_4 - a_3^2|$.



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