

A UNIVALENCE CRITERION FOR ANALYTIC FUNCTIONS
IN THE UNIT DISK

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Abstract. In this paper we obtain a univalence criterion involving the logarithmic derivative of $z^2 f'(z)/f^2(z)$, where $f(z) = z + a_2 z^2 + \dots$ is an analytic function in the unit disk.

MSC 2000. 30C45.

Key words. Univalent functions, analytic extensions.

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