

AN APPLICATION OF CERTAIN INTEGRAL OPERATOR

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Abstract. The integral operator $I^n f(z)$ was introduced by Salagean for functions of the form $f(z) = z + \sum_{k=2}^{\infty} a_k z^k$, which are analytic in the unit disc $U = \{z : |z| < 1\}$. The object of the present paper is to give an application of $I^n f(z)$ to Miller and Mocanu's theorem.

MSC 2000. 30C45.

Key words. Analytic, Salagean integral operator.

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