Journal of
Mathematical
Inequalities
Volume 3, Number 4 (2009), 599–605

APPLICATIONS OF CERTAIN DIFFERENTIAL INEQUALITIES TO THE UNIVALENCE OF AN INTEGRAL OPERATOR

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Abstract. In [1] we have introduced the integral operator denoted by $I(f_1, f_2, \ldots, f_m)$ given in Definition 2. Also, certain sufficient conditions of univalence were given for this operator. In this paper we take a different approach for proving the univalence of this operator.

Mathematics subject classification (2000): 30C45, 30A20, 34A40.
Keywords and phrases: Analytic function, univalent function, differential operator, integral operator.

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Paper JMI-03-58