UNIVALENCE CONDITIONS FOR SOME GENERAL INTEGRAL OPERATORS

DANIEL BREAZ ¹* AND PESCAR VIRGIL ²

Submitted by Th. M. Rassias

ABSTRACT. We consider two general integral operators where are the extensions of the Kim–Merkes operator and Pfaltzgraff operator. We will proved in this paper the univalent conditions for these operators when we make some restrictions about the functions from your definitions.

¹ DEPARTMENT OF MATHEMATICS, 1 DECEMBRIE 1918 UNIVERSITY OF ALBA IULIA, STR. N. IORGĂ, NO. 11–13, ALBA IULIA, 510009, ROMANIA.
E-mail address: dbreaz@uab.ro

² DEPARTMENT OF MATHEMATICS, DEPARTMENT OF MATHEMATICS, ”TRANSILVANIA” UNIVERSITY OF BRAȘOV, 2200, BRAȘOV, ROMANIA.
E-mail address: virgilpescar@unitbv.ro

⁰ Corresponding author.
2000 Mathematics Subject Classification. 30C45.
Key words and phrases. Integral operator, univalent functions.

Date: Received: 5 April 2008; Accepted 28 April 2008.