

STANCIU, Laura Filofteia; BREAZ, Daniel; SOME UNIVALENCE CONDITIONS FOR A FAMILY OF INTEGRAL OPERATORS

Abstract: In this paper, we consider two families of integral operators for analytic functions $f_i; i \in \{1, 2, \dots, n\}$ in the open unit disk \mathbb{U} . The main object of the present paper is to discuss some univalence conditions for these integral operators. Many known univalence conditions are shown to follow upon specializing the parameters involved in our main results.

Keywords: Analytic functions; Open Unit disk; Univalence conditions; General Schwarz Lemma; Integral operators.

ACM/AMS Classification: Primary 30C45; Secondary 30C75.