**SOME SUFFICIENT CONDITIONS FOR UNIVALENCE AND SUBORDINATION RESULTS OF CERTAIN ANALYTIC AND UNIVALENT FUNCTIONS**

B.A. FRASIN, M. DARUS and S. SIREGAR

**Abstract.** Very recently, Frasin and Darus [2] introduced the class $B(\alpha)$ of analytic functions and gave some properties for this class. The aim of this paper is to obtain some sufficient conditions for univalence and subordination results for functions of the class $B(\alpha)$.

**MSC 2000.** 30C45.

**Key words.** Analytic functions, univalent functions, starlike functions and convex functions, subordination.

**REFERENCES**


Received June 16, 2005
B.A. Frasin
Al al-Bayt University
Department of Mathematics
Mafraq, Jordan
E-mail: bafrasin@yahoo.com

M. Darus and S. Siregar
School of Mathematical Sciences
Faculty of Science and Technology
University Kebangsaan Malaysia
Bangi 43600, Malaysia
E-mail: maslina@pkrisc.cc.ukm.my