GENERALIZATION OF GRACE’S THEOREM, SCHUR–SZEGÖ COMPOSITION AND COHN–EGERVÁRY THEOREM FOR BICOMPLEX POLYNOMIALS

ASHISH KUMAR * AND B. A. ZARGAR

Abstract. The aim of this paper is to extend the domain of the Grace’s theorem, Schur-Szegö composition theorem and Cohn-Egerváry theorem from the set of complex numbers to the set of bicomplex numbers.


Keywords and phrases: Bicomplex polynomials, Grace’s theorem, Schur-Szegö composition.

REFERENCES