

Misreddin A. SADYQOV

RESEARCH OF BICONVEX FUNCTIONS

Abstract

In the work the classes of biconvex and bisublinear functions are introduced and the series of their properties are studied, the bilinear analogies of the Hahn-Banach and Banach-Aloglu theorems are obtained. In the work the classes of biconvex and bisublinear functions are introduced and the series of their properties are studied. The theorems on continuation of bilinear functional are proved. Connections between bilinear and bisublinear functionals are investigated.