About approximation of B-continuous functions of several variables by generalized Boolean sum operators of Bernstein type on a simplex

IRINA BÂRSAN, PETRU BRAICA and MIRCEA FĂRCAȘ

ABSTRACT.

The aim of this paper is to study the convergence of the sequence of generalized Boolean sum (GBS) operators $(UB_m)_{m\geq 1}$ for B-continuous functions $f\in C_b(\Delta_4)$.

SECONDARY SCHOOL "AVRAM IANCU" VICTORIEI 84, 430122 BAIA MARE, ROMANIA E-mail address: barsan.daniela@yahoo.com

SECONDARY SCHOOL "GRIGORE MOISIL"
MILENIULUI 1, 440037 SATU MARE, ROMANIA
E-mail address: petrubr@yahoo.com

NATIONAL COLLEGE "MIHAI EMINESCU" MIHAI EMINESCU 5, SATU MARE 440014, ROMANIA E-mail address: mirceafarcas2005@yahoo.com