

**VORNICESCU, Neculae, *APPROXIMATION OF FUNCTIONS OF TWO VARIABLES BY DISCRETE LINEAR POSITIVE OPERATORS***

**Abstract:** We introduce a class of discrete linear positive operators in the space of real continuous functions of two variables defined on the square  $[0,1] \times [0,1]$ . These operators are associated to an arbitrary set of nodes  $(x_i, y_j)$ ,  $i=0, \dots, m$ ,  $j=0, \dots, n$ , and preserve the linear functions.

**Keywords:** linear positive operators, polynomials