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Title: Statistical approximation of Meyer-König and Zeller operators based on q -integers

Author(s): Ogün Doğru and Oktay Duman

In this paper, we introduce a generalization of the Meyer-König and Zeller operators based on q -integers and get a Bohman-Korovkin type approximation theorem of these operators via A -statistical convergence. We also compute rate of A -statistical convergence of these q -type operators by means of the modulus of continuity and Lipschitz type maximal function, respectively. The second purpose of this note is to obtain explicit formulas for the monomials $(\frac{t}{1-t})^\nu$, $\nu = 0, 1, 2$ of q -type generalization of Meyer-König and Zeller operators.

Address:

Ogün Doğru
Ankara University, Faculty of Science
Department of Mathematics
Tandoğan 06100, Ankara
Turkey
E-mail: dogru@science.ankara.edu.tr

Address:

Oktay Duman
TOBB University of Economics and Technology
Faculty of Arts and Sciences
Department of Mathematics
Söğütözü 06530, Ankara
Turkey
E-mail: oduman@etu.edu.tr