

## Statistical approximation properties of Kantorovich operators based on $q$ -integers

CRISTINA RADU

### ABSTRACT.

In this paper we present two new generalizations of Kantorovich operators based on  $q$ -calculus. With the help of Bohman-Korovkin type theorem we obtain some statistical approximation properties for these operators. Also, by using the modulus of continuity, the statistical rate of convergence is established.

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BABEŞ-BOLYAI UNIVERSITY  
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE  
1 KOGĂLNICEANU ST.  
400084 CLUJ-NAPOCA, ROMANIA  
E-mail address: rcristina@math.ubbcluj.ro

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