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

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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 $\left(\frac{t}{1-t}\right)^{\nu}$, $\nu = 0, 1, 2$ of $q$-type generalization of Meyer-König and Zeller operators.

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