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

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