

## ON APPROXIMATION PROPERTIES OF GENERALIZED $q$ -BERNSTEIN-KANTOROVICH OPERATORS

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*Abstract.* In this paper, we develop a generalization of  $q$ -Bernstein-Kantorovich type operators. We first study some fundamental properties of these operators and then investigate approximation properties of a sequence of these operators using Korovkin theorem. Finally, we estimate rate of approximation by modulus of continuity.

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