A NOTE ON q–MKZ OPERATORS USING GENERATING FUNCTIONS

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Abstract. This paper is based on new generalization of q-analogue of the MKZ type operators using generating functions. We study approximation properties of the proposed operator using Korovkin type theorem. Further, we estimate the rate of convergence of these operators by using the modulus of continuity. In the last, we introduce and establish the uniform convergence of $2D$-generalization of the q-MKZ operators using generating functions.

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