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Approximation by parametric extension of Baskakov-Durrmeyer type operators

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Abstract

In this study, the approximation properties of parametric extension of Baskakov-Durrmeyer type operators sequence, studied [1] and [2], were investigated. The uniform convergence of these operators in the sense of Korovkin type theorem proven. Also with the help of continuity module, a rate of approximation degree is given.

Key Words: Baskakov Durrmeyer type operators, Modulus of continuity, Rate of convergence.

References

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- [2] N. Rao, parametric extension of Baskakov-Durrmeyer type operators, www.researchgate.net/publication/325895662.