



Gamma Type Operators that Preserve Logarithmic Functions

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Abstract

In this talk, Classical Gamma-type operators that preserve logarithmic functions is introduced utilizing the methods outlined in [1]. Additionally, we examine the convergence properties of these operators and a quantitative estimate of the approximation error is derived in relation to the modulus of continuity.

Keywords: Gamma-type operators, logarithm preservation.

References:

- [1] L. Angeloni, D. Costarelli and C. Darielli, A new class of positive linear operators preserving logarithmic functions. arXiv preprint, arXiv:2602.06168. (2026).