B–STATISTICAL A–SUMMABILITY IN CONSERVATIVE APPROXIMATION

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Abstract. This paper deals with the approximation of functions by sequences of linear operators via $B$-statistical $A$-summability. Quantitative results and asymptotic formulae are stated under a conservative approximation setting. A short discussion is addressed in connection with the rate of statistical convergence. Finally, the applicability of the results is illustrated.


Keywords and phrases: Linear operator, $A$-summability, $B$-statistical convergence, asymptotic formula, simultaneous approximation, Korovkin-type results.

REFERENCES


