

KOROVKIN TYPE APPROXIMATION THEOREM FOR BBH TYPE OPERATORS VIA ABEL SUMMABILITY METHOD

DİLEK SÖYLEMEZ¹

¹Selçuk University

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Abstract

In this paper, we obtain a Korovkin type approximation theorem via Abel convergence. As an application of this theorem, we construct a non-tensor product BBH type operators in multivariate case. Finally, we proved that our new approximation result works but its classical case does not work.

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Soylemez-Korovkin type theorem via Abel convergence.pdf available at <https://authorea.com/users/304983/articles/435559-korovkin-type-approximation-theorem-for-bbh-type-operators-via-abel-summability-method>