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ON DEGREE OF APPROXIMATION BY PRODUCT MEANS $(E,q)(\overline{N},p_n)$ OF CONJUGATE SERIES OF FOURIER SERIES

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Abstract

In this paper a theorem on degree of Approximation of a function $f \in Lip\ \alpha$ by product summability $(E,Q)(\overline{N},p_n)$ of conjugate series of Fourier series associated with f.

Key Words : *Degree of Approximation, $f \in$ Lip α class of function, (E,q) mean, $(\overline{N},p_n)$ mean, $(E,q)(\overline{N},p_n)$ product mean, Fourier series, Conjugate of Fourier series, Lebesgue integral.*

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