

ON APPROXIMATION OF FUNCTIONS BY PRODUCT OPERATORS

Hare Krishna Nigam

Abstract. In the present paper, two quite new results on the degree of approximation of a function f belonging to the class $Lip(\alpha, r)$, $1 \leq r < \infty$ and the weighted class $W(L_r, \xi(t))$, $1 \leq r < \infty$ by $(C, 2)(E, 1)$ product operators have been obtained. The results obtained in the present paper generalize various known results on single operators.

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Hare Krishna Nigam
Department of Mathematics,
Faculty of Engineering and Technology,
Mody Institute of Technology and Science (Deemed University)
Laxmangarh, Sikar-332311,
Rajasthan, India.
e-mail: harekrishnan@yahoo.com
