

## STECHKIN–MARCHAUD–TYPE INEQUALITIES OF WEIGHTED APPROXIMATION FOR BASKAKOV OPERATORS

FENG GUO

*Abstract.* In this paper, we introduce  $\omega_{\varphi^{\lambda}}^2(f; t)_{w, \lambda}$  and prove a generalization of weighed Stechkin-Marchaud-type inequality for Baskakov operators, from which the inverse result of Baskakov operators with  $\omega_{\varphi^{\lambda}}^2(f; t)_{w, \lambda}$  is obtained.

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