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# BEST APPROXIMATION OF LIPSCHITZ CLASS FUNCTIONS

## Abstract

*In the paper we establish the best approximation order of the Lipschitz class functions of many groups of variables by the sums of a fewer number variables functions in the parallelepiped  $\Pi(a, h)$  by means of the least upper bound of the modulus of finite mixed differences  $\Delta_{\tau_1 \dots \tau_m} f$  with appropriate constants  $A_m$  and  $B_m$ .*