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ON TWO-SIDED EXACT ESTIMATES FOR THE
BEST APPROXIMATION BY SUMS $\varphi(x) + \psi(y)$

Abstract

Two-sided exact estimates for the best approximation of a continuous function $f(x, y)$ having the bounded mixed derivative f_{xy} by sums $\varphi(x) + \psi(y)$ of continuous functions are established in special domains different from a rectangle with sides parallel to coordinate axes.