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# FINDING THE EXTREMALS OF THE OPTIMAL APPROXIMATION ON THE SET DIFFERENT FROM PARALLELEPIPED

## Abstract

*The suitable formula for calculation of the best approximation is found and the best approximate function in approximation of the function of  $m$  groups variables by the sums of the functions depending on  $m - 1$  groups of variables at the boundary of multivariate parallelepiped is constructed. The formulae are also constructed in approximation on an arbitrary set containing the domain of this parallelepiped.*