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The Average Widths and Non-linear Widths of the Classes of Multivariate Functions with Bounded Moduli of Smoothness

Yong Ping LIU(1),Gui Qiao XU(2)

(1)Department of Mathematics, Beijing Normal University;(2)Department of Mathematics, Tianjin Normal Univesity

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摘要   The classes of the multivariate functions with bounded moduli on R~d and T~d are given and their average σ-widths and non-linear n-widths are discussed. The weak asymptotic behaviors are established for the corresponding quantities.

关键词   multivariate function classes   average width   non-linear width
分类号

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Key words   multivariate function classes   average width   non-linear width

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通讯作者   Yong Ping LIU ypliu@bnu.edu.cn

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