

论文

基于扰动结点的Lagrange插值算子逼近的 Steckin-Marchaud型不等式

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摘要:

建立了基于扰动超球Jacobi结点的Marcinkiewicz Zygmund不等式并借助一种新的K泛函给出了基于扰动超球Jacobi结点的积分型Lagrange插值算子逼近的Steckin Marchaud型不等式.

关键词: Lagrange插值,Marcinkiewicz zygmund型不等式,逼近,Steckin marchaud型不等式

分类号:

41A25;41A25

The Steckin Marchaud Type I nequality of Weighted Approximation by Modified Lagrange Interpolation Operators at Disturbed Nodes

CHENG Bao-Fu

Abstract:

The Marcinkiewicz Zygmund inequality at disturbed ultraspherical nodes is established with which and a new kind if K functional the St eckin Marchaud type inequality for lower estimates of modified Lagrange interpolation operator at disurbed ultrasperical nodes id presented.

Keywords: Lagrange interpolation, Marchinkiesicz zygmund inequality, Apporximation, Steckin Marchaud inequality

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