

A MULTIGRID METHOD FOR NONLINEAR PARABOLIC PROBLEMS

收稿日期 1994-12-12 修回日期 网络版发布日期 接受日期

摘要

关键词

分类号

A MULTIGRID METHOD FOR NONLINEAR PARABOLIC PROBLEMS

X.J. Yu

Laboratory of Computational Physics, Institute of Applied Physics and Computational Mathematics, Beijing, China

Abstract The multigrid algorithm in [13] is developed for solving nonlinear parabolic equations arising from the finite element discretization. The computational cost of the algorithm is approximate $O(N_k N)$ where N_k is the dimension of the finite element space and N is the number of time steps.

Key words

DOI:

通讯作者

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF\(0KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [复制索引](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 无 相关文章](#)

▶ [本文作者相关文章](#)