

[本期目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)

[\[打印本页\]](#) [\[关闭\]](#)

论文

交错网格的FCT方法

王心正,张新元

西北核技术研究所

摘要:

交错网格的FCT方法王心正,张新元(西北核技术研究所) A F C T M E T H O D F O R S T A G G E R E D M E S H Y W a n g X i n z h e n g ; Z h a n g X i n y u a n (N o r t h w e s t I n s t i t u t e o f N u c l e a r T e c h n o l o g y) A b s t r a c t ...

关键词:

A FCT METHOD FOR STAGGERED MESH

Wang Xinzheng; Zhang Xinyuan(Northwest Institute of Nuclear Technology)

Abstract:

Abstract In this paper, an improved finite difference on a staggered mesh for shockhydrodynamics with diffuSion controlled via flux corrected transport (SMFCT) is described' The SMFCT method is designed in Lagrangian coordinates and arbitrary mesh can be used by applying a high order remapping step' A second-order numerical convection algorithm for calculating the mass, momentum and total energy fluxes between the Eulerian cells is presented' The methods are examined numerically with six one-dimensional Riemann problems. The results show that they are successful

Keywords:

[收稿日期](#) [修回日期](#) [网络版发布日期](#)

DOI:

基金项目:

通讯作者:

作者简介:

本刊中的类似文章

扩展功能

本文信息

Supporting info

PDF (292KB)

[HTML全文]

[\({article.html_WenJianDaXiao} KB\)](#)

参考文献[PDF]

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

引用本文

Email Alert

文章反馈

浏览反馈信息

本文关键词相关文章

本文作者相关文章

PubMed