Original Articles

A Restarted Conjugate Gradient Method for Ill-posed Problems

Yan Fei WANG

Laboratory of Remote Sensing Information Sciences, Institute of Remote Sensing Applications, Chinese Academy of Sciences, P. O. Box 9718

收稿日期   修回日期 网络版发布日期   接受日期

摘要   This paper presents a restarted conjugate gradient iterative algorithm for solving ill-posed problems. The damped Morozov's discrepancy principle is used as a stopping rule. Numerical experiments are given to illustrate the efficiency of the method.

关键词   Ill-posed problems   restarted CG   damped discrepancy principle
分类号

Abstract This paper presents a restarted conjugate gradient iterative algorithm for solving ill-posed problems. The damped Morozov's discrepancy principle is used as a stopping rule. Numerical experiments are given to illustrate the efficiency of the method.

Key words   Ill-posed problems   restarted CG   damped discrepancy principle

DOI:

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 包含 "Ill-posed problems"的相关文章
▸本文作者相关文章
·   Yan Fei WANG

通讯作者   Yan Fei WANG wyf@lsec.cc.ac.cn