



航空学报 » 1994, Vol. 15 » Issue (4) : 462-467 DOI:

论文

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

[<<](#) [<<](#) [前一篇](#) | [后一篇](#) [>>](#) [>>](#)

多目标决策的交互式maximin方法及其在资源分配中的应用

石永恒, 顾昌耀

北京航空航天大学管理学院,北京,100083

AN INTERACTIVE MAXIMIN METHOD FOR MULTI OBJECTIVE DECISION AND APPLICATION TO RESOURCE ALLOCATION

Shi Yongheng, Gu Changyao

School of Management, Beijing University of Aeronautics and Astronautics, Beijing, 100083

摘要

参考文献

相关文章

Download: [PDF \(297KB\)](#) [HTML \(0KB\)](#) Export: [BibTeX](#) or [EndNote \(RIS\)](#) [Supporting Info](#)

摘要 多目标决策的交互式maximin方法一直没有解决如何根据决策者的愿望(特别是变化了的愿望)调整满意解。本文研究了调整原理,调整过程中所要调整的参数具有明确的实际意义。将交互式maximin方法应用到资源分配问题,建立了资源分配的多目标决策模型,并设计了系统分解协调的求解方法。

关键词: 目标程序 相互作用 分配

Abstract: This paper studies the principles of adjustment after the maximin method is introduced. The parameters to be adjusted in interaction are similar to the DM(Decision Maker) and reflect the aspiration of the DM. This paper applies the method to resource allocation problem. The multiobjective decision model for resource allocation is built. And the method of system de-composition and coordination is designed. An algorithm of piecewise linearization is designed to solve the resource allocation problem. The algorithm is proved to be locally convergent. Finally a numerical example is given.

Keywords: objective programs interactions allocations

Received 1992-04-21; published 1994-04-25

引用本文:

石永恒;顾昌耀. 多目标决策的交互式maximin方法及其在资源分配中的应用[J]. 航空学报, 1994, 15(4): 462-467.

Shi Yongheng; Gu Changyao. AN INTERACTIVE MAXIMIN METHOD FOR MULTI OBJECTIVE DECISION AND APPLICATION TO RESOURCE ALLOCATION[J]. Acta Aeronautica et Astronautica Sinica, 1994, 15(4): 462-467.

Service

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [Email Alert](#)
- ▶ [RSS](#)

作者相关文章

- ▶ [石永恒](#)
- ▶ [顾昌耀](#)