

Original Articles

Minimal Martingale Measures for Discrete-time Incomplete Financial Markets

Ping LI(1), Jian Ming XIA(2)

(1)Institute of System Sciences, Academy of Mathematics and System Sciences, Chinese Academy of Sciences;(2)Institute of Applied Mathematics, Academy of Mathematics and System Sciences, Chinese Academy of Sciences

收稿日期 修回日期 网络版发布日期 接受日期

摘要 In this note, we give a characterization of the minimal martingale measure for a general discrete-time incomplete financial market. Then we concretely work out the minimal martingale measure for a specific discrete-time market model in which the assets' returns in different times are independent.

关键词 [Minimal martingale measures](#) [incomplete financial markets](#)

分类号

Minimal Martingale Measures for Discrete-time Incomplete Financial Markets

Ping LI(1), Jian Ming XIA(2)

(1)Institute of System Sciences, Academy of Mathematics and System Sciences, Chinese Academy of Sciences;(2)Institute of Applied Mathematics, Academy of Mathematics and System Sciences, Chinese Academy of Sciences

Abstract In this note, we give a characterization of the minimal martingale measure for a general discrete-time incomplete financial market. Then we concretely work out the minimal martingale measure for a specific discrete-time market model in which the assets' returns in different times are independent.

Key words [Minimal martingale measures](#) [incomplete financial markets](#)

DOI:

通讯作者 Ping LI liping@mx.amss.ac.cn

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 “[Minimal martingale measures](#)”的 [相关文章](#)

▶ 本文作者相关文章

· [Ping LI](#)

· [Jian Ming XIA](#)