

学术论文

# 一类单死过程的遍历性

张丽华, 张余辉

北京邮电大学理学院, 北京师范大学数学科学学院

收稿日期 修回日期 网络版发布日期:

**摘要** 本文通过与生灭过程击中时矩的比较和随机可比的方法分别得出有限生单死过程各种遍历性的充

分条件和必要条件. 文末, 讨论了一个例子的各种遍历性.

**关键词** [单死过程](#), [遍历性](#), [生灭过程](#).

分类号

## Ergodicity of a Class of Single Death Processes

ZHANG Lihua, Zhang Yuhui

School of Science, Beijing University of Posts and Telecommunications, School of Mathematical Sciences, Beijing Normal University

**Abstract** In this paper, we consider the single death processes which go out of reversed Markov context. By comparing with the moments of hitting time of birth-death processes and stochastic comparability, some sufficient conditions and necessary conditions are obtained for some kinds of ergodicity of the single death processes respectively. Finally, one example are given to illustrate the results.

### Key words

DOI

通讯作者 张丽华

### 扩展功能

#### 本文信息

▶ [Supporting info](#)

▶ [PDF\(553KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

#### 服务与反馈

▶ [把本文推荐给朋友](#)

▶ [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“单死过程, 遍历性, 生灭过程.” 的相关文章](#)

▶ 本文作者相关文章

- [张丽华](#)
- [张余辉](#)