论文

APPROXIMATE OPTIMAL BIRTH CONTROL OF POTULATION SYSTEMS

W.L.Ohan(1),Guo Baozhu(2)

(1)Department of Mathematics,The Chinese University of Hong Kong,Shatin,N.T.,Hong Kong;(2)Beijing Institute of Information and Control,Beijing,China

收稿日期   修回日期   网络版发布日期   接受日期

摘要   We consider optimal birth control for the McKendrick equation of population dynamics. It consists of optimizing a system described by a first order partial differential equationwith nonlocal bilinear boundary control. Approximate minimum principles are obtained using Ekeland's variational principle.

关键词   Optimal birth control, McKendrick equati

分类号

Abstract We consider optimal birth control for the McKendrick equation of population dynamics. It consists of optimizing a system described by a first order partial differential equationwith nonlocal bilinear boundary control. Approximate minimum principles are obtained using Ekeland's variational principle.

Key words   Optimal birth control   McKendrick equation   population dynamics   nonlocal bilinear boundary control

DOI:

通讯作者

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"Optimal birth control, McKendrick equati"的 相关文章
- 本文作者相关文章
- WLOhan
- Guo Baozhu