

23(8)

Asymptotic Behavior of Solutions to a Class of Systems of Delay Differential Equations

易泰山, 黄立宏

湖南大学数学与计量经济学院

收稿日期 2004-3-29 修回日期 2006-3-9 网络版发布日期 2007-6-8 接受日期 2006-9-21

摘要

关键词 [asymptotic behavior](#) [delay differential equation](#) [\$\omega\$ -limit set](#)

分类号 [34C12](#)

Asymptotic Behavior of Solutions to a Class of Systems of Delay Differential Equations

Tai Shan YI, Li Hong HUANG

College of Mathematics and Econometrics, Hunan University, Changsha 410082

Abstract The authors investigate the asymptotic behavior of solutions to a class of systems of delay differential equations. It is shown that every bounded solution of such a class of systems tends to a constant vector as $t \rightarrow \infty$. Our results improve and extend some corresponding ones already known.

Key words [asymptotic behavior](#) [delay differential equation](#) [\$\omega\$ -limit set](#)

DOI: 10.1007/s10114-005-0932-7

通讯作者 黄立宏 lh Huang@hnu.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“asymptotic behavior”的 相关文章](#)
- ▶ [本文作者相关文章](#)

- [易泰山](#)
- [黄立宏](#)