

23(8)

Positive Solutions to Singular Boundary Value Problems with Sign Changing Nonlinearities on the Half-Line via Upper and Lower Solutions

Bao Qiang YAN(1), Donal O'REGAN(2), Ravi P. AGARWAL(3)

(1)济南山东大学数学系; (2)Department of Mathematics, National University of Ireland, Galway, Ireland; (3)Department of Mathematical Sciences, Florida, Institute of Technology, Melbourne, Florida 32901-6975, USA

收稿日期 2005-2-25 修回日期 网络版发布日期 2007-6-11 接受日期 2005-6-15

摘要

关键词 [boundary value problems](#) [lower and upper solutions](#) [Schauder's fixed point theorem](#)

分类号 [34B16](#)

Positive Solutions to Singular Boundary Value Problems with Sign Changing Nonlinearities on the Half-Line via Upper and Lower Solutions

Bao Qiang YAN(1), Donal O'REGAN(2), Ravi P. AGARWAL(3)

(1)济南山东大学数学系; (2)Department of Mathematics, National University of Ireland, Galway, Ireland; (3)Department of Mathematical Sciences, Florida, Institute of Technology, Melbourne, Florida 32901-6975, USA

Abstract This paper presents a lower and upper solution technique for singular second order boundary value problems on the half line.

Key words [boundary value problems](#) [lower and upper solutions](#) [Schauder's fixed point theorem](#)

DOI: 10.1007/s10114-005-0822-z

通讯作者 Ravi P. AGARWAL agarwal@fit.edu

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 "[boundary value problems](#)"的 [相关文章](#)
- ▶ 本文作者相关文章

- [Bao Qiang YAN](#)
- [Donal OREGAN](#)
-