

论文

EXISTENCE OF NONTRIVIAL SOLUTIONS FOR CRITICAL SEMILINEAR BIHARMONIC EQUATIONS

GU Yonggeng(1), DENG Yinbin(2), WANG Xujia(3)

(1)Institute of Systems Science, Academia Sinica, Beijing 100080, China;(2)Department of Mathematics, Huazhong Normal University, Wuhan 430070, China;(3)Department of Mathematics, Zhejiang University, Hangzhou 310027, China

收稿日期 修回日期 网络版发布日期 接受日期

摘要 In this paper we will study the existence and nonexistence of nontrivial solutions to the problem, where $p = (N - 4)$ is the critical sobolev exponent. This result is a extension of [1].

关键词 [Nontrivial solution, biharmonic equation](#)

分类号

EXISTENCE OF NONTRIVIAL SOLUTIONS FOR CRITICAL SEMILINEAR BIHARMONIC EQUATIONS

GU Yonggeng(1), DENG Yinbin(2), WANG Xujia(3)

(1)Institute of Systems Science, Academia Sinica, Beijing 100080, China;(2)Department of Mathematics, Huazhong Normal University, Wuhan 430070, China;(3)Department of Mathematics, Zhejiang University, Hangzhou 310027, China

Abstract In this paper we will study the existence and nonexistence of nontrivial solutions to the problem, where $p = (N - 4)$ is the critical sobolev exponent. This result is a extension of [1].

Key words [Nontrivial solution](#) [biharmonic equations](#) [critical Sobolev exponent](#)

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“Nontrivial solution, biharmonic equation”的 相关文章](#)
- ▶ 本文作者相关文章
 - [GU Yonggeng](#)
 - [DENG Yinbin](#)
 - [WANG Xujia](#)