

## 刘锡平教授

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### 一、个人简介

刘锡平, 男, 1962年10月生, 河北省衡水市人, 教授, 硕士生导师, 中共党员。

### 二、主要学习与工作经历

1985年毕业于河北师范大学数学系, 获理学学士学位, 1996年3月毕业于北京理工大学应用数学系, 获理学硕士学位。2000年8月至今在上海理工大学理学院任教, 2005年9月晋升为教授。

### 三、主要科研工作与成绩

长期从事微分方程理论及应用的教学与研究工作。先后主持上海市教委科研项目3项(青年基金: 02GQ24, 创新基金: 05EZ52, 重点项目: 10ZZ93, 均已顺利结题), 参加国家自然科学基金项目4项(编号: 19571008, 19871005, 11071164, 11171220)。在国内外重要学术期刊发表论文80余篇, 30余篇被SCI、EI检索, 多篇进入ESI高倍引系统。长期为国内外数十个学术期刊担任审稿专家。主持上海市高等学校精品课程2门, 主编教材2部, 参考书2册。

### 四、主要社会学术团体兼职

上海数学会理事, Mathematical Reviews评论员

### 五、主要研究方向

主要研究方向: 微分方程理论及应用; 主要研究领域: 常微分方程边值问题、泛函微分方程初值边值问题和周期解问题、分数阶微分方程边值问题及周期解的存在性。

### 六、主要研究成果

- (24) The method of lower and upper solutions for mixed fractional four-point boundary value problem with  $p$ -Laplacian operator, APPLIED MATHEMATICS LETTERS, 2017 (with Jia Mei; Ge Weigao);
- (23) Existence of solutions for the integral boundary value problems of fractional order impulsive differential equations, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2016 (with Jia Mei);
- (22) Existence and nonexistence of positive solutions for fractional integral boundary value problem with two disturbance parameters, BOUNDARY VALUE PROBLEMS, 2015 (with Wang Xiao; Deng Xuejing)
- (21) Nonlocal boundary value problem for fractional differential equations with  $p$ -Laplacian, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2014 (with Zhi Ertao; Li Fanfan)
- (20) Multiplicity of solutions for integral boundary value problems of fractional differential equations with upper and lower solutions, APPLIED MATHEMATICS AND COMPUTATION, 2014 (with Jia Mei)
- (19) Existence and uniqueness of the solutions for fractional differential equations with nonlinear boundary conditions, ABSTRACT AND APPLIED ANALYSIS, 2014 (with Li Fanfan, Jia Mei)
- (18) The Existence of Positive Solutions for Fractional Differential Equations with Integral and Disturbance Parameter in Boundary Conditions, ABSTRACT AND APPLIED ANALYSIS, 2014 (Jia Mei)
- (17) Existence of positive solutions for nonlocal boundary value problem of fractional differential equation, CENTRAL EUROPEAN JOURNAL OF PHYSICS, 2013 (with Lin Legang; Fang Haiqin)
- (16) Multiple solutions of a  $p$ -Laplacian model involving a fractional derivative, ADVANCES IN DIFFERENCE EQUATIONS, 2013 (with Jia Mei; Ge Weigao)
- (15) On the solvability of a fractional differential equation model involving the  $p$ -Laplacian operator, COMPUTERS & MATHEMATICS WITH APPLICATIONS, 2012 (with Jia Mei; Xiang Xiufen)
- (14) Method of upper and lower solutions for fractional differential equations, ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2012 (with Lin Legang; Fang Haiqin)
- (13) Existence of positive solutions for singular fractional differential equations with integral boundary conditions, ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2012 (with Jin Jingfu; Jia Mei)
- (12) A sufficient condition for the existence of a positive solution for a nonlinear fractional differential equation with the Riemann-Liouville derivative, APPLIED MATHEMATICS LETTERS, 2012 (with Yang Liu, Zhang Weiguo)
- (11) Three nonnegative solutions for fractional differential equations with integral boundary conditions, COMPUTERS & MATHEMATICS WITH APPLICATIONS, 2011 (with Jia Mei)
- (10) Multiple solutions of nonlocal boundary value problems for fractional differential equations on the half-line, ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, 2011 (with Jia Mei)



- (9) Multiplicity of positive solutions for four-point boundary value problems of impulsive differential equations with p-Laplacian, ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2010 (with Shen Li; Lu Zhenhua)
- (8) Multiple solutions for fractional differential equations with nonlinear boundary conditions, COMPUTERS & MATHEMATICS WITH APPLICATIONS, 2010 (with Jia Mei)
- (7) Positive solutions for singular Sturm-Liouville boundary value problems with integral boundary conditions, ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, 2010 (with Xiao Yu; Chen Jianming)
- (6) Positive solutions to a type of nonlinear three-point boundary value problem with sign changing nonlinearities, COMPUTERS & MATHEMATICS WITH APPLICATIONS, 2009 (with Li Gaoshang; Jia Mei)
- (5) Existence and uniqueness of solution for fractional differential equations with integral boundary conditions, ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, 2009 (with Jia Mei; Wu Baofeng)
- (4) Existence and uniqueness of solutions of second-order three-point boundary value problems with upper and lower solutions in the reversed order, NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, 2008 (with Li Fangfei; Jia Mei)
- (3) The method of upper and lower solutions for second-order non-homogeneous two-point boundary-value problem, ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2007 (with Jia Mei)
- (2) Sufficient condition for existence of solutions for higher-order resonance boundary value problem with one-dimensional p-Laplacian, ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, 2007 (with Yang Liu; Shen Chunfang)
- (1) Multiplicity results for second-order m-point boundary value problem, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, 2006 (with Yang Liu; Jia Mei)

#### 七、出版著作

- 1) 参加编写《高等数学》，机械工业出版社，2000.
- 2) 参加编写《线性代数学习指导》，湖南科学技术出版社，2005.
- 3) 主编《概率论与数理统计》，科学出版社，2009.
- 4) 主持编写《概率论与数理统计学习指导》，科学出版社，2011.
- 5) 主编《线性代数》，科学出版社，2013.
- 4) 参编《线性代数学习指导》，科学出版社，2014.

#### 八、联系方式

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