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中国计算数学学会理事

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合肥工业大学学术委员会委员

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主要社会兼职：

中国国民党革命委员会第十届、十一届中央委员会委员、

第十一届全国人大代表

安徽省九届政协常委

民革安徽省十届、第十一届常委

安徽省九届政协港澳台侨与外事委员会委员

目前从事的主要研究领域为计算数学和计算机应用。主持完成国家自然科学基金（包括青年基金和面上项目）、原机械部高校跨世纪优秀人才专项基金、国家教委留学回国人员基金、教育部资助优秀年轻教师基金、教育部骨干教师基金等项目多项，目前主持承担国家自然科学基金和安徽省自然科学基金项目的研究，在国内外学术刊物上发表论文130余篇，其中22篇被SCI收录、49篇被EI收录、13篇被ISTP收录，出版学术专著两部并为科学出版社出版的《数学百科全书》第一、三、四卷翻译词条10余万字。指导计算机应用、计算数学和计算机软件与理论三个方向的博士和硕士研究生、已有6人获得博士学位、近30人获硕士学位。

研究方向

目前从事的主要研究领域为计算数学和计算机应用。主要研究方向为：非线性科学计算、计算机辅助几何设计、计算机图形学、数字图象处理、小波分析

教学工作

讲授本科生课程：

数学分析（校精品课程）、高等数学、线性代数、概率论与数理统计、计算方法、数值分析（国家双语教学示范课程）

讲授硕士研究生课程：

论文选读、广义Padé逼近、有理逼近及应用、数值逼近基础、多元函数插值法、多元函数构造理论、现代分析基础、非线性逼近的理论与方法、样条函数方法

讲授博士研究生课程：

小波分析、自由曲线曲面造型技术

获奖情况

“优化工科教学体系，全面培养学生能力”分别获合肥工业大学教学成果三等奖和安徽省2000年优秀教学成果三等奖；

《Newton-Thiele's Rational Interpolants》获安徽省第四届自然科学优秀学术论文一等奖，2003年11月

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“培养一流教学队伍，创建国家精品课程”获合肥工业大学2004年度优秀教学成果一等奖。

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《On the finite sum representation of the Lauricella functions FD》获安徽省第五届自然科学优秀学术论文二等奖，2006年12月。

“创建工科高等数学教学新体系培养大学生数学的应用能力和创新能力”获安徽省2008年度教学成果特等奖。

“依托质量工程建设提高工科大学数学的应用能力和创新能力”获第六届高等教育国家级教学成果奖二等奖。

主要论著

82. Ping Zhou, Annie Cuyt, Jieqing Tan, General order multivariate Padé approximants for Pseudo-multivariate functions. II, Math. Comp. 78 (2009), 2137-2155. (SCI)

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