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Education

Ph.D, Department of Mathematics, Hong Kong Baptist University,	2010
M.Sc, College of Mathematics, Sichuan University,	2006
B.Sc, College of Mathematics, Sichuan University,	2003

Working Experience

Associate Professor, Department of Mathematics, University of Macau,	2018-present
Assistant Professor, Department of Mathematics, University of Macau,	2012-2018
Postdoc, Department of Mathematics, Michigan State University,	2010-2012

Teaching

Coming: MATH2003 Mathematical Analysis I, Fall semester of 2023/2024.

Undergraduate: Mathematical analysis series • Advanced mathematics series • Partial differential equations • Mathematical Modeling • Numerical analysis • Mathematical Modeling • Calculus (Michigan State U.)

Postgraduate: Partial differential equations • Numerical methods for differential equations • Advanced engineering mathematics

Research Interest

I am interested in numerical solutions for partial differential equations, including the design and analysis of numerical methods, their high performance realization in software, and applications in computational physics such as computational fluid dynamics, electronic structure calculations, computational micromagnetics.

Professional Services

《数值计算与计算机应用》青年评述栏目特邀编辑 • Associate editor of the journal *Advances in Applied Mathematics and Mechanics* • Associate editor of the journal and *Communications in Computatoinal Physics* • 中国工业与应用数学学会高性能计算与数学软件专业委员会委员 • 第六届中国青年科技工作者协会基础科学专业委员会委员

Awards

Incentive Scheme for Outstanding Academic Staff, University of Macau,	2023
Long Service Award, University of Macau,	2023
FST Teaching Excellence Award, University of Macau,	2022
- Nominee for Teaching Excellence Award of University of Macau	
FST Teaching Excellence Award, University of Macau,	2018
The Best Thesis Award, Hong Kong Mathematical Society,	2010
The First Prize Winner, Third Student Paper Competition for Young Computational Mathematicians, China Society for Computational Mathematics,	2007