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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

2022 Fall: MATH2003: Mathematical Analysis I, and MATH3005: Mathematics Experiments

Taught:

Undergraduate: Mathematical analysis series • Advanced mathematics series • Partial differential equations • Numerical analysis • 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 (2021-) • Associate editor of *Communications in Computatoinal Physics* (2020-) • Associate editor of *Advances in Applied Mathematics and Mechanics* (2018-) • 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

FST Teaching Excellence Award, University of Macau,	2022
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