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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

MATH2003: Mathematical Analysis I in fall semester 2023

Undergraduate: Mathematical analysis I&II, Advanced mathematics I&II, Partial differential equations, 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, software development, and applications in computational physics.

Professional Services

Member of Executive Committee, China Society for Computational Mathematics,	2023–present
Member of Executive Committee, East Asian Section of SIAM	2021–present
Guest Editor of Youth Review Section,	
Journal of Numerical Methods and Computer Applications	2021–present
Associate editor, *Communications in Computatoinal Physics*	2020–present
Member of Sixth Specialized Committee for Fundamental Science	
Chinese Association of Young Scientists and Technologists	2019–present
Associate Editor, *Advances in Applied Mathematics and Mechanics*	2018–present
Member of Specialized Committee for High-Performance Computing and Matheamtical Software	
China Society for Industrial and Applied Mathematics	2018–present

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 – *Nominee for University Award*	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