ZHILIN LI is a tenured full professor at the Center for Scientific Computation & Department of Mathematics at North Carolina State University. His research area is in applied mathematics in general, particularly in numerical analysis for partial differential equations, moving interface/free boundary problems, irregular domain problems, computational mathematical biology, and scientific computing and simulations for interdisciplinary applications. Li has authored one monograph, The Immersed Interface Method, and also edited several books and proceedings.

ZHONGHUA QIAO is an assistant professor in the Department of Applied Mathematics at the Hong Kong Polytechnic University.

TAO TANG is a professor in the Department of Mathematics at South University of Science and Technology, Hong Kong.
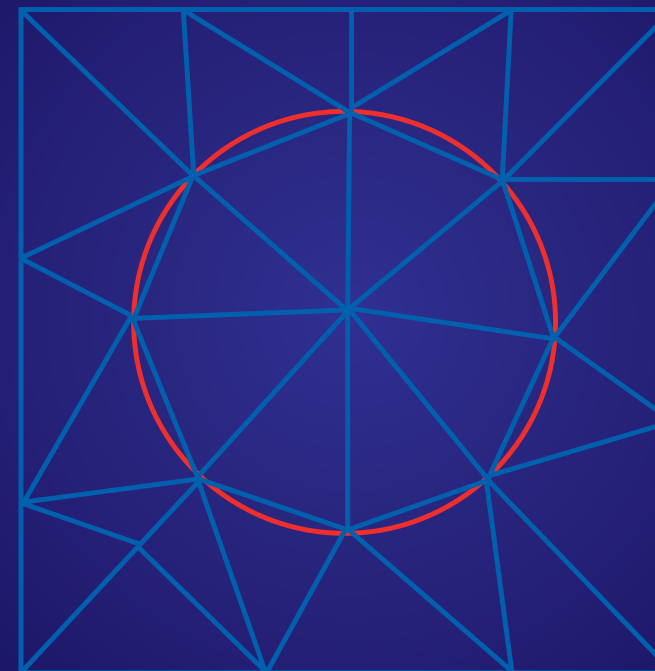
LI, QIAO AND TANG

Numerical Solution of Differential Equations

Numerical Solution of Differential Equations

Introduction to Finite Difference and Finite Element Methods

ZHILIN LI, ZHONGHUA QIAO AND TAO TANG

CAMBRIDGE