



Computational Methods and Applications for Numerical Analysis, 2nd Edition

Guest Editors:

Dr. Fajie Wang

College of Mechanical and
Electrical Engineering, Qingdao
University, Qingdao 266071,
China

Prof. Dr. Ji Lin

College of Mechanics and
Materials, Hohai University,
Nanjing 211100, China

Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editors

Dear Colleagues,

We are delighted to announce the second volume of our Special Issue on "Computational Methods and Applications for Numerical Analysis". Building upon the success of the first volume, we aim to continue exploring the innovative computational methods and their diverse applications in numerical analysis

The scope encompasses a wide range of areas, including theory, algorithms, programming, coding, numerical simulation, and novel applications of computational techniques in engineering, science, and related disciplines. Contributions may explore various computational methods within applied mathematics and mechanics, including (but not limited to) finite element methods, finite difference methods, finite volume methods, meshless and particle methods, peridynamics, molecular dynamics, interpolation, approximation, optimization, quadrature methods, numerical linear algebra, and numerical methods for ordinary and partial differential equations. The goal is to showcase research that addresses real-world challenges and demonstrates the effectiveness of computational approaches for solving problems across scientific and engineering domains.





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Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, St. Alban-Anlage 66
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