

Special Issue

Computational and Mathematical Methods in Information Science and Engineering, 2nd Edition

Message from the Guest Editors

This Special Issue is a follow-up on the first edition with focuses on recent advances in computational and mathematical methods in information science and engineering to address problems that occur in practice, including theory and potential applications. Topics include, but are not limited to, the following:

- Computational intelligence theory and applications;
- Intelligent modeling, control, and optimization;
- Complex network modeling;
- Heterogeneous data mining and fusion;
- Big data analytics and artificial intelligence;
- Knowledge discovery, inference, and optimization;
- Complicated high-dimensional data representation and visualization;
- Classification and clustering models in applications;
- Heuristic intelligence optimization methods;
- Deep learning methods;
- Applied mathematics in open-source software analysis;
- Modeling and analysis in E-commerce;
- Information systems;
- Intelligent manufacturing and Industry 4.0;
- Intelligent transportation systems and logistics;
- Recommendation systems;
- Knowledge management processes and systems;
- Intelligent tourism and intelligent education.

Guest Editors

Prof. Dr. Wen Zhang

Prof. Dr. Xiaofeng Xu

Prof. Dr. Jun Wu

Prof. Dr. Kaijian He

Deadline for manuscript submissions

closed (30 April 2025)



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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

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

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