

Special Issue

Advanced Optimization Methods and Applications, 3rd Edition

Message from the Guest Editors

You are invited to submit papers related to all aspects of optimization algorithms, graph theory, network optimization, location problems, fuzzy optimization, optimal control, machine learning, artificial intelligence, and parallel programming from both theoretical and applied perspectives. Keywords

- optimization algorithms
- heuristics and metaheuristics
- approximation algorithms
- network optimization
- location problems
- fuzzy optimization
- combinatorial optimization
- inverse optimization problems
- robust optimization
- graph theory
- optimal control
- forecasting
- machine learning
- artificial intelligence
- parallel programming
- mathematical optimization
- optimization applications

Guest Editors

Prof. Dr. Adrian Marius Deaconu

Prof. Dr. Petru Adrian Cotfas

Prof. Dr. Daniel Tudor Cotfas

Deadline for manuscript submissions

31 July 2026



Mathematics

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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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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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