

Special Issue

Advances in Mathematical Analytics and Operations Research

Message from the Guest Editor

Advances in Mathematical Analytics and Operations Research encompass a broad spectrum of enhancements and innovations in the methodologies, algorithms, and applications of mathematics for data analysis, complex problem solving, and deriving insights across various disciplines. This field integrates traditional mathematical techniques with contemporary computational tools to manage large-scale data, optimize processes, and facilitate informed decision making. Furthermore, it involves the development of novel methodologies, algorithms, and applications to optimize decision-making processes in intricate systems. These advancements significantly improve the capacity to model, analyze, and solve problems across diverse domains such as logistics, manufacturing, finance, healthcare, and more. We seek papers that contribute to these areas, presenting original research, case studies, and reviews that reflect the latest developments and applications in mathematical analytics and operations research.

Guest Editor

Dr. Amir Hossein Nobil

Department of Industrial Engineering, School of Engineering and Science, Tecnológico de Monterrey, Puebla 72453, Mexico

Deadline for manuscript submissions

28 February 2025



Mathematics

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Mathematics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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