

# Special Issue

## Mathematical Methods for Operations Research Problems

### Message from the Guest Editor

We invite you to submit your latest research in the area of operations research to this Special Issue, “Mathematical Methods for Operations Research Problems”, in the journal *Mathematics*. High-quality papers are solicited to address both theoretical and practical issues in the area of operations research. Submissions that present new theoretical results, models and algorithms, as well as new applications, are welcome. Potential topics include, but are not limited to, applications of linear and nonlinear integer programming, optimization problems on graphs, project management, scheduling, logistics and transportation, queueing theory, and simulation. Keywords

- Linear and nonlinear integer programming
- Dynamic programming
- Combinatorial optimization
- Optimization on graphs
- Project management
- Scheduling
- Optimization in logistics
- Vehicle routing and other transportation problems
- Control-theoretic problems
- Decision theory
- Manufacturing, supply chain management
- Multi-criteria decision making
- Stochastic models
- Risk management
- Packing
- Queueing theory
- Simulation
- Exact solution procedures
- Advanced heuristics and metaheuristics

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### Guest Editor

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120,  
D-39016 Magdeburg, Germany

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### Deadline for manuscript submissions

closed (30 June 2021)



## Mathematics

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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.

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### Editor-in-Chief

Prof. Dr. Francisco Chiclana  
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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).