

# Special Issue

## Analysis and Application of Optimization Algorithms

### Message from the Guest Editors

We invite you to submit your research in the area of analysis of optimization and its applications to the Special Issue, “Analysis and Application of Optimization Algorithms”, in the journal *Mathematics*. High-quality papers are solicited to address both theoretical and practical issues in the development of efficient solution methods and theoretical analysis of optimization problems. Over the past decade, several optimization techniques have been proposed to solve a wide range of complex problems. This Special Issue serves as a forum for facilitating and enhancing information sharing among researchers, including the development of advanced optimization algorithms. Researchers are invited to submit their original and unpublished research work for the applications of optimization algorithms. Papers on optimization algorithm development and analysis are welcome, as well as papers on the application of optimization algorithms.

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### Guest Editors

Dr. Youcef Gheraibia

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### Deadline for manuscript submissions

closed (30 September 2024)



## 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 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).