Special Issue

Computational Mathematics and Numerical Analysis

Message from the Guest Editors

This Special Issue intends to address computation, mathematical, and numerical methods, which are necessary to understanding many actual problems that arise in applied sciences. Given the large scope of potential problems, the aim of this issue is to collect original and high-quality papers focused on applied presented problems or more general theoretical views concerned with conceptual approaches. In this Special Issue, we are interested in multidisciplinary research that conveys different and innovative perspectives of the fields of computation, mathematical, statistical, and numerical methods in applied sciences, industrial mathematics, and data science, etc.

Guest Editors

Dr. M. Filomena Teodoro

- Center of Naval Research and Science and Technology Department, Portuguese Naval Academy—Instituto Universitário Militar, 2810-001 Almada, Portugal
- 2. CEMAT, Center for Computational and Stochastic Mathematics, Instituto Superior Tecnico, Lisbon University, 1048-001 Lisboa, Portugal

Dr. Marina Alexandra Pedro Andrade

Department of Mathematics, ISCTE—Instituto Universitário de Lisboa, 1649-026 Libson, Portugal

Deadline for manuscript submissions

closed (31 December 2024)



Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mdpi.com/si/173462

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

mdpi.com/journal/mathematics





Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



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

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).

