

Special Issue

Applied Mathematics and Continuum Mechanics

Message from the Guest Editors

The present Special Issue covers most areas of applied mathematics in the theory of continuum mechanics and the purpose is to gather articles reflecting the latest developments in these fields, including theoretical, numerical/computational, and experimental aspects. The topics of interest for publication include, but are not limited to, the study of mixed problems for continua, the recent developments in the field of mathematical modelling for fracture mechanics problems, boundary value problems, etc. All interested researchers are kindly invited to contribute to this Special Issue with their original research articles, short communications, and review articles.

Guest Editors

Prof. Dr. Eduard-Marius Craciun

Fac. of Mech. Ind. and Maritime Eng. Bd. Mamaia 124, University of Constanta, 900527 Constanta, Romania

Prof. Dr. Marin Marin

Department of Mathematics and Computer Science, Transilvania University of Brasov, 500093 Brasov, Romania

Deadline for manuscript submissions

closed (29 February 2024)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/99413

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

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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).