Special Issue

Fuzzy Convex Structures and Some Related Topics, 2nd Edition

Message from the Guest Editors

Since Zadeh introduced the concept of fuzzy sets, fuzzy set theory has been applied to many research areas, including both theoretical and applied research. In this Special Issue, we will focus on the theory of fuzzy convex structures and related topics such as fuzzy set theory and theories that are related to convexity theory. From a theoretical standpoint, this Special Issue will cover fuzzy convex structures, fuzzy topological structures, fuzzy matroids and fuzzy algebra. From an applied standpoint, it will concentrate on fuzzy convex optimizations, fuzzy games, fuzzy data envelopes and fuzzy rough sets.

Guest Editors

Prof. Dr. Fu-Gui Shi

School of Mathematics and Statistics, Beijing Institute of Technology, Beijing 102488, China

Dr. Bin Pang

School of Mathematics and Statistics, Beijing Institute of Technology, Beijing 102488, China

Deadline for manuscript submissions

30 April 2026



Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mdpi.com/si/223073

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).

