Special Issue

Computing Mathematics with Fuzzy Sets

Message from the Guest Editor

Many researchers and scholars assume that ontic vagueness (i.e., vagueness in the world) is real. Fuzzy sets are a mathematical model of vagueness and, according to ontic vagueness, fuzzy mathematics can be used to describe the world. Since computing is pervasive in all sciences, the question is how fuzzy sets and computing can be used to better describe the world. Therefore, models or ideas that would allow us to better approach whatever one may call physical reality are extremely useful. With this message, I invite you to contribute your important work in the broader area of fuzzy mathematics and computing with possible applications in physics, chemistry, biology, etc.

Guest Editor

Dr. Apostolos Syropoulos Greek Molecular Computing Group, Xanthi, Greece

Deadline for manuscript submissions

closed (30 June 2023)



an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mdpi.com/si/86447

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

mdpi.com/journal/ mathematics



Σ

Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



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).