

# Special Issue

## New Perspectives in Interval Analysis and Fuzzy-Valued Functions

### Message from the Guest Editor

The purpose of the present Special Issue is to collect contributions reflecting new perspectives in mathematical models for uncertainty, including interval analysis, fuzzy numbers, fuzzy-valued functions, and all possible implications in optimization and statistics applied in economics, management, and finance. A potential list of topics includes the following:

- Fuzzy calculus
- Interval analysis
- Smoothing techniques
- Time series analysis
- Forecasting techniques
- Risk management

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### Guest Editor

Prof. Laerte Sorini

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### Deadline for manuscript submissions

31 October 2026



## 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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JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).