

# Special Issue

## Mathematical Economics and Its Applications

### Message from the Guest Editor

Research in several fields of mathematical economics has been growing quite fast in the last 20 years, due also to potential applications in real-world scenarios. The mathematical tools employed in this research come from a wide spectrum of areas, e.g., algebra, analysis, measure theory, probability theory, combinatorics, topology, set theory, and mathematical logic. This Special Issue aims to collect recent results in several areas of interest in mathematical economics. We invite papers presenting original research on related topics, including, but not limited to, the following:

- Preference modeling;
- Order theory;
- Choice theory;
- Bounded rationality;
- Decision theory;
- Mathematical utility theory.

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### Guest Editor

Prof. Dr. Alfio Giarlotta

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### Deadline for manuscript submissions

closed (15 July 2025)



## 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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### Author Benefits

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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).