

Special Issue

Mathematical Modeling, Numerical Analysis and Scientific Computing, with Their Applications

Message from the Guest Editor

Mathematical modeling, numerical analysis and scientific computing have been playing a significant role in solving real-world problems, with applications arising from various areas in science, engineering, and technology. This Special Issue will present recent research results in mathematical modeling, numerical analysis, scientific computing, and their applications. Papers on the development and analysis of novel methods and models in all areas of mathematical modeling, numerical analysis and scientific computing are welcome. More specifically, papers on but not limited to the following broad topics are welcome:

- Mathematical modeling and simulation of applications in science, engineering, and
- Numerical analysis of ODEs, PDEs, and
- Scientific computing and algorithms for applications in science, engineering, and technology.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2024)



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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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Prof. Dr. Francisco Chiclana

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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).