

Special Issue

Advances in Elliptic Equations and Their Applications

Message from the Guest Editors

It is our pleasure to announce the launch of a new Special Issue of *Mathematics*. In this current Special Issue titled "*Advances in Elliptic Equations and Their Applications*", we look forward to producing significant contributions in the modern area of the theory of PDEs, which covers topics such as elliptic PDEs, integrodifferential PDEs, calculus of variations, geometric measure theory, free boundary problems, and a range of further topics from mathematical analysis to its related issues. Such topics represent modern and relevant subjects of investigation in the current scopes of nonlinear PDEs and their related questions in the framework of pure and applied sciences. We also hope to deal with the applications of PDEs in the scenarios of applied sciences, which cover applications of PDEs in mathematical physics and also include the context of geometric analysis. We would like to stress that both analytic and numerical methods are welcome in this current Special Issue.

Guest Editors

Dr. João Vítor Da Silva
Prof. Dr. Analía C. Silva
Prof. Dr. Hernán A. Vivas

Deadline for manuscript submissions

closed (31 December 2024)



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

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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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).