

# Special Issue

## Advanced Applications Based on Nonlinear Optimal and Robust Control

### Message from the Guest Editors

We are pleased to announce a Special Issue in Mathematics on "Advanced Applications Based on Nonlinear Optimal and Robust" methodologies. Nonlinear optimal and robust techniques have become instrumental in addressing the complex challenges across various domains. This Special Issue aims to showcase innovative applications that leverage these methodologies to push the boundaries of current research and practical implementations. This Special Issue focuses on revealing advanced applications arising from the principles of nonlinear optimal and robust control. Contributions may include innovative applications in various domains, such as aerospace, robotics, and industrial processes. The goal is to highlight the practical impact and versatility of nonlinear optimal and robust control methodologies in addressing complicated dynamical systems. This Special Issue invites researchers, scholars, and practitioners to contribute original articles and reviews exploring advanced applications emerging from nonlinear optimal and robust methodologies.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2024)



## 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

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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).