Special Issue

Mathematics and Its Applications in Science and Engineering, 3rd Edition

Message from the Guest Editors

This Special Issue accepts papers about new and innovative proposals of mathematics in science and engineering, i.e., the use of mathematics in non-mathematical contexts will be considered. We aim to publish results from mathematics applications, such as the use of differential equations to model structures, the shape of a machine or the growth of a population, or to assure information security through cryptographic protocols. The added value is that it will include results from recent years, which will allow readers to keep up to date. Potential topics include, but are not limited to:

- Mathematical modelling for science and engineering applications;
- Optimization and control in engineering applications;
- Numerical methods for science and engineering applications;
- Mathematics in engineering and sciences studies;
- Good practices in motivating students for learning mathematics during university studies;
- Assessing mathematics using applications and projects;
- Teaching and assessment methodologies in science and engineering.

Guest Editors

Dr. Fatih Yilmaz

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Deadline for manuscript submissions

31 October 2025

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

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Author Benefits

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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).