

# Special Issue

## Mathematical Modelling and Multi-Criteria Optimisation in Engineering

### Message from the Guest Editors

Scientists, engineers, and economists try to understand, develop, and optimise physical objects, systems, and processes. To make this possible, they must model them as complex systems composed of multiple and diverse elements. The aim of the Special Issue is bringing together the latest research achievements of scholars studying and developing mathematical models and multi-criteria optimisation methods and tools in science, engineering, and economics. Primarily, this issue focuses on the latest and innovative solutions in the fields of:

- Safety and reliability modelling and optimisation of systems and processes;
- Transportation, computer and social network modelling and optimisation;
- Transportation systems modelling and optimisation;
- Applications of computational mathematics, including methods of artificial intelligence in science, engineering and economics;
- Business processes modelling and optimisation;
- Financial processes and systems modelling and optimisation;
- Mathematical modelling and optimisation of economic processes;
- Models, methods and algorithms of multi-criteria optimisation for scientific, engineering and economics applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2023)



## 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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