

Special Issue

Mathematical Models and Theoretical Approaches in Software Engineering and Computational Intelligence

Message from the Guest Editor

Mathematical models play crucial role in field of computing and information processing. They are used to define semantics of programming and modelling languages and to prove correctness of algorithms. They provide the foundation of formal methods, computational intelligence and computational linguistics. In this issue, we invite papers concerning applications of mathematical models, theories and methods to broad area of computing and information processing. We are interested in mathematics based computational approaches, algorithms, implementations and applications thereof. Of particular interest are applications in software engineering, logics and computational intelligence, but not excluding engineering, science, medicine and technology.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2025)



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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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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).