

Special Issue

Optimization of Resources

Message from the Guest Editor

The optimization of resources is a key matter in computer science due to the necessity to improve the efficiency of mechanisms depending on these resources. Regardless of whether this optimization is the ultimate goal itself or it is instrumental to achieve other objectives, it is a recurrent problem appearing both inside the computer science domain and in other fields aided by computational techniques, such as other sciences, engineering, and economics. The goal of this Special Issue is to collect new proposals in the area of optimization of resources, including both theoretical approaches and practical applications. We solicit contributions related (but not limited) to the following topics: Formal methods applied to the optimization of resources; Definition and application of optimization algorithms and metaheuristics; Comparison of optimization algorithms and metaheuristics in concrete case studies; Optimization of resources on industrial data; Benchmark usage and generation.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)



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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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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).