

Special Issue

Applied Operations Research and Optimization Problems in Network Science

Message from the Guest Editor

We invite you to contribute this Special Issue that will explore the intersection of operations research and network sciences, focusing on optimization techniques for analyzing and improving complex networked systems. The Special Issue's scope covers a range of optimization challenges, such as graph-based optimization, network flow models, facility location problems, scheduling in networks, the optimization of signal processing and combinatorial optimization. We particularly welcome studies concerning mathematical programming, heuristics, metaheuristics and math-heuristic algorithms. We encourage researchers from academia and industry to submit original research articles, reviews and case studies that contribute to the advancement of this interdisciplinary field.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 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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