

Special Issue

Advanced Optimization Methods and Applications, 2nd Edition

Message from the Guest Editors

You are invited to submit papers related to all aspects of optimization algorithms, graph theory, network optimization, location problems, fuzzy optimization, optimal control, machine learning, artificial intelligence, and parallel programming, from both theoretical and applied perspectives. Optimization methods are finding increasing applications in all domains and play an essential role in dealing with real-life problems. Algorithms for such problems are continuously being developed and improved to obtain higher-quality solutions within a reasonable timeframe. Metaheuristic methods inspired by the behavior of different populations of people or the behavior of swarms of animals or insects are currently used to solve optimization problems for which optimal solutions cannot be obtained using exact methods within a reasonable amount of time.

Guest Editors

Prof. Dr. Adrian Marius Deaconu

Prof. Dr. Petru Adrian Cotfas

Prof. Dr. Daniel Tudor Cotfas

Deadline for manuscript submissions

closed (31 January 2024)



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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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Prof. Dr. Francisco Chiclana

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