Special Issue

Mathematical Programming and Optimization Algorithms

Message from the Guest Editors

Dear Colleagues In this Special Issue Mathematical Programming and Optimization Algorithms, we welcome articles related to mathematical programming; integer programming; linear programming and network flow; nonlinear programming, theory, and algorithms: algorithm complexity; the applications of operations research; and discrete and stochastic optimization. Topics also include branch-and-bound, branch-and-cut, and cutting plane algorithms; multi-objective optimization, deterministic and non-deterministic algorithms; stochastic programming; approximation algorithms; and multi-criteria methods. Advances in and results for classical mathematical programming problems such as the knapsack, lot sizing, traveling salesman, set cover, assignment, and uncapacitated facility location problems, among other similar problems, are also covered in this Special Issue. This Special Issue accepts high-quality papers containing original research results and review articles of exceptional merit.

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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.

Editor-in-Chief

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