



Mathematical Optimization and Evolutionary Algorithms with Applications

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Message from the Guest Editors

This Special Issue invites authors to propose original works regarding the development of specific optimization models and solution tools, either based on mathematical techniques or on evolutionary algorithms, devoted to the treatment of scientific and engineering applications. Particular interest will be given to innovative works focusing on the design of mathematical/computational tools, as well as on specific applications requiring the adaptation and use of optimization techniques. Topics include but are not limited to:

- Novel mathematical programming models;
- New evolutionary operators;
- Constraint handling within evolutionary algorithms;
- Multi-objective and many-objective optimization;
- Hybrid algorithms and metaheuristics;
- Logistics and production systems;
- Operations research;
- Engineering applications;
- Energy systems;
- Finance and economics;
- Management;
- Bioinformatics;
- Machine learning





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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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