Special Issue

Automatic Design of Optimization Algorithms and Their Practical Applications

Message from the Guest Editors

We intend to launch this Special Issue to welcome original investigations on the automatic design of optimization algorithms for general or particular applications in benchmark and real-life problems. High-quality manuscripts that address the generation of metaphor-less hyper-heuristics, metaheuristics, and hybrid algorithms from theoretical and practical perspectives are solicited. Implementations using machine learning models for generating heuristic-based or heuristic-free techniques with outstanding performances are welcome. Potential topics include, but are not limited to,

- automatic design;
- optimisation;
- metaphor-less algorithm;
- hyper-heuristic;
- metaheuristic;
- practical problems;
- continuous optimisation problems;
- combinatorial problems;
- machine learning.

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Deadline for manuscript submissions

closed (31 August 2023)

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About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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