Special Issue on Optimization Theory and Applications

Call for Papers

In a narrow sense, optimization is connected with a finding of the maximal or minimal values of any real function on a given set. More broadly, optimization means a search in this or that generalized sense of optimal objects of any nature among a given set of possible (admissible) ones. Being inseparably linked with other areas of mathematics, modern optimization includes many the important sections, which differ by a type of used optimality criterions (objective functions, functionals) and sets of admissible (possible) elements. The generalization of optimization theory and techniques to other formulations comprises a large area of applied mathematics. More generally, optimization includes finding "best available" values of some objective function given a defined domain, including a variety of different types of objective functions and different types of domains.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring optimization theory and applications. Potential topics include, but are not limited to:

- Mathematical programming
- Optimization methods
- Fuzzy optimization
- Combinatorial optimization
- Local optimization
- Global optimization
- Optimization models
- Optimization control
- Optimization management
- Applications of optimization

Authors should read over the journal’s For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly notice that the “Special Issue” under your manuscript title is supposed to be specified and the research field “Special Issue – Optimization Theory and Applications” should be chosen during your submission.

According to the following timetable:
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