



Algorithms in Convex Optimization and Applications

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Deadline for manuscript
submissions:

closed (15 December 2019)

Message from the Guest Editor

Dear Colleagues,

You are cordially invited to submit contributions to a Special Issue of *Algorithms* dedicated to papers dealing with iterative methods for solving convex optimization problems and applications that can be modelled as such, respectively. Special interest will be given to novel approaches to proximal point methods and significant improvements of existing algorithms and to iterative methods for solving constrained convex optimization problems. Extensions to the nonconvex case or multiobjective optimization will be taken into consideration, too, provided they are motivated by concrete applications. Investigations on connections to similar algorithms for solving monotone inclusions or dynamical systems can be considered when the main focus of the contribution is on convex optimization problems. Possible application fields are machine learning, clustering, location theory, game theory, signal processing or finance mathematics.

Dr. Sorin-Mihai Grad

Guest Editor





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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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