Call for Papers

Optimization Letters

Special Issue on Optimization in Military Applications

Optimization Letters journal seeks high-quality submissions for the special issue on Optimization in Military Applications. Mathematical optimization techniques have historically been important in military and defense-related applications. Challenging optimization problems arise in the analysis of complex networked systems, data processing, navigation, material science, and other diverse areas of interest in the context of military missions. This special issue seeks to advance the knowledge in both methodological and application aspects of optimization. The general areas of interest include but are not limited to:

- Combinatorial optimization
- Optimization under uncertainty
- Graph theory and network optimization
- Bilevel and multilevel programming
- Approximation algorithms and heuristics
- Optimization techniques in machine learning/data mining
- Optimization techniques in navigation/control

Papers from disciplines other than operations research/optimization, which are motivated by military applications and contribute to the optimization area in a broad sense, are welcome.

Submission deadline: April 1, 2014
Targeted date for the first round of reviews: June 1, 2014
Targeted special issue publication: Fall 2014/Spring 2015

The papers should be submitted via Editorial Manager at http://www.editorialmanager.com/optl (article type: “S.I.: Optimization in Military Applications”). The page limit is 15 pages. Additional information can be obtained from the guest editors.

Guest editors:

Vladimir L. Boginski, Industrial and Systems Engineering, University of Florida
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