Numerical Optimization Reviews

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Message from the Collection Editor

Dear Colleagues,

Numerical Optimization is pivotal for decision-making in our increasingly complex world. It has numerous applications in Engineering, Finance, and Machine Learning.

This collection aims to gather review articles devoted to important disciplines in Numerical Optimization. The topics of interest include, but are not limited to, surveys on optimization algorithms for treating specific problem classes, classical mathematical programming, evolutionary computation, direct search methods, and applications of Numerical Optimization in certain fields.

Prof. Dr. Oliver Schütze
Collection Editor

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Mathematical and Computational Applications (*MCA*) is devoted to the dissemination of original research in the field of engineering, natural sciences and social sciences where mathematical and/or computational techniques are necessary for solving specific problems. The aim of the journal is to provide a medium by which a wide range of experience can be exchanged among researchers from diverse fields such as engineering (electrical, mechanical, civil, industrial, aeronautical, nuclear, etc.), natural sciences (physics, mathematics, chemistry, biology, etc.) and social sciences (administrative sciences, economics, political sciences, etc.).

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