Topical Collection

Numerical Optimization Reviews

Message from the Collection Editor

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.

Collection Editor

Prof. Dr. Oliver Schütze
Depto de Computacion, Cinvestav, Mexico City 07360, Mexico

Mathematical and Computational Applications

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 0.5

Mathematical and Computational Applications

an Open Access Journal by MDPI

**Impact Factor 2.1
CiteScore 0.5**

About the Journal

Message from the Editorial Board

Editors-in-Chief

Prof. Dr. Oliver Schütze
Depto de Computacion, Cinvestav, Mexico City 07360, Mexico

Prof. Dr. Gianluigi Rozza
SISSA mathLab, International School for Advanced Studies, Office A-435, Via Bonomea 265, 34136 Trieste, Italy

Author Benefits

High Visibility:
indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

Journal Rank:
JCR - Q2 (Mathematics, Interdisciplinary Applications) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.3 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:
reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.