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Mathematical and Computational Applications

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Message from the Editors-in- Chief

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.).

Editors-in-Chief

Prof. Dr. Oliver Schütze
Prof. Dr. Gianluigi Rozza

Aims

Mathematical and Computational Applications (ISSN 2297-8747; ISSN 1300-686X for printed edition) is an international, open access journal on the applications of mathematical and/or computational techniques.

Scope

- Applied mathematics
- Classical mechanics
- Computational fluid dynamics
- Computational techniques
- Differential equations
- Dynamical systems
- Evolutionary algorithms
- Finite element methods
- Machine learning and data mining
- Mathematical modelling
- Neural networks
- Numerical analysis
- Numerical simulation
- Optimization and control
- Statistics

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