

Special Issue

Mathematical Methods in the Applied Sciences, 2nd Edition

Message from the Guest Editors

Applied sciences encompass a wide array of fields, including engineering, business, medicine, neuroscience, Earth science, quantum computing, and epidemiology. Unlike basic science, which aims to develop theories and laws to explain and predict natural phenomena, applied sciences use mathematical approaches to solve practical problems. Topics include but are not limited to:

- mathematical methods
- analysis
- applied mathematics
- biomathematics
- modeling
- applied sciences
- real systems
- applied mechanics
- quantitative models
- simulation methodology
- inverse problems
- numerical methods
- machine learning
- deep learning
- reinforcement learning

Guest Editors

Dr. Nuno Bastos

Department of Mathematics, ESTGV Polytechnic Institute of Viseu,
3504-510 Viseu, Portugal

Dr. Touria Karite

Department of Applied Mathematics Engineering Department, National
School of Applied Sciences of Fez, Sidi Mohamed Ben Abdellah
University, Fez 30000, Morocco

Dr. Ahmed Aberqi

ENSA, Sidi Mohamed Ben Abdellah University, Fez, Morocco

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
axioms@mdpi.com

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public
University of Navarra, 31006 Pamplona, Spain

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