Special Issue

Applied Mathematics and Mechanics

Message from the Guest Editors

This Special Issue will accept high-quality papers that present original research results, and its purpose is to bring together mathematicians and engineers (mainly), as well as other scientists active in the field of mechanics. The areas that will be covered are as follows: continuum mechanics, micromechanics, nanomechanics, fractional calculus and mechanics, biomechanics, among others. Topics covered include but not limited to:

- Continuum Mechanics
- Micromechanics
- Nanomechanics
- Gradient Elasticity
- Couple stress theory
- Micropolar theory
- Fractional Calculus and Mechanics
- Fractional Calculus and Fractals
- Random and Composite materials
- Linear Elasticity
- Non-Linear Elasticity
- Crystalline Structure
- Membranes
- Plates
- Shells
- Biomechanics
- Soil and rock mechanics

Guest Editors

Dr. A. K. Lazopoulos

Mathematical Sciences Department, Hellenic Army Academy, 16673 Vari. Greece

Dr. Konstantinos A. Lazopoulos

Applied Mathematics and Physics applications, National Technical University of Athens, 14 Theatrou Str., Rafina 19009, Greece

Deadline for manuscript submissions

closed (30 April 2022)



Axioms

an Open Access Journal by MDPI

Impact Factor 1.6



mdpi.com/si/78799

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

mdpi.com/journal/axioms





Axioms

an Open Access Journal by MDPI

Impact Factor 1.6



About the Journal

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

Author Benefits

Open Access

 free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:

indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank:

JCR - Q2 (Mathematics, Applied)

