Axioms

MDPI

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.

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Aims

Axioms (ISSN 2075-1680) is an international, open access journal which provides an advanced forum for studies related to mathematics, mathematical logic and mathematical physics. It publishes reviews, research papers and short communications.

Scope

- Axiomatization, axiomatic methods, theorems, mathematical proofs
- Algebraic structures, field theory, group theory, topology, vector spaces
- Mathematical analysis
- Mathematical physics
- Mathematical logic, and non-classical logics, such as fuzzy logic, modal logic, non-monotonic logic. etc
- Classical and fuzzy set theories
- Number theory
- Systems theory
- Classical measures, fuzzy measures, representation theory, and probability theory
- Graph theory
- Information theory
- Differential equations and dynamical systems
- Mathematical problems of artificial intelligence
- Complex networks from a mathematical viewpoint
- Interdisciplinary applications of mathematical theory

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