Special Issue

Differential Equations: Theories, Methods and Modern Applications

Message from the Guest Editors

We invite you to submit your research papers in the field of differential equations to this Special Issue, entitled "Differential Equations: Theories, Methods and Modern Applications", of the journal *Axioms*. We seek studies on new and innovative approaches for solving linear and nonlinear differential equations. We also aim to cover high-dimensional problems and system of equations. We welcome submissions presenting new theoretical results, structural investigations, new models, and algorithmic approaches with new applications of mathematical and engineering problems.

- Ordinary differential equations
- Partial differential equations
- System of equations
- Fractional problems
- Linear and nonlinear problems
- Fuzzy problems
- Numerical methods
- Analytical methods
- Semi-analytical methods
- Convergence analysis
- Error analysis
- Mathematical models
- High dimensional problems
- Integral equations

Guest Editors

Prof. Dr. Ali Shokri

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Prof. Dr. Shyam Sundar Santra

Deadline for manuscript submissions

closed (31 January 2022)

Axioms

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.

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