Special Issue

Recent Advances in Differential Equations and Related Topics

Message from the Guest Editors

The study of differential equations forms the subject of a very important chapter of mathematics, both due to the countless applications in various fields, such as physics, chemistry, biology, engineering, economics, medicine, etc., as well as due to the mathematical apparatus necessary to solve them. From the classical formulation of these equations, through ordinary derivatives, different classes of differential equations were obtained such as: delay, fractional, functional or integro-differential equations. This Special Issue aims to bring new results of mathematicians together with those of physicists, biologists, engineers and other scientists, for whom differential equations are valuable research tools. This Special Issue is dedicated, but not limited, to the following topics of interest:

- Ordinary and partial differential equations;
- Differential–difference equations;
- Approximation, stability, boundedness, periodicity, and asymptotic properties;
- Delay differential equations;
- Fractional differential equations;
- Integro-differential equations;
- Functional equations;
- Numerical methods for differential equations.

Guest Editors

Dr. Loredana Florentina Iambor

Department of Mathematics and Computer Science, University of Oradea, Univeritatii nr. 1, 410087 Oradea, Romania
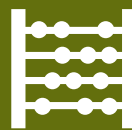
Prof. Dr. Ram N. Mohapatra

Department of Mathematics, University of Central Florida, Orlando, FL 10587, USA

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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

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