Special Issue

Advances in Nonlinear Boundary Value Problems: Theory and Applications

Message from the Guest Editors

This special issue aims to promote the exchange of ideas and methods between researchers and to spread recent advances in this area. It will focus on all aspects of BVPs, variational and topological techniques, discrete and continuous equations, fractional differential equations, regular, singular, resonant problems, and their applications. In this Special Issue, we propose to compile state-of-the-art results that can contribute effectively to these areas, and therefore, we invite authors to present original research articles. Topics of interest include but are not limited to:

- Initial and boundary value problems;
- Nonlinear differential and integral equations;
- Fractional calculus and applications;
- Variational and topological methods;
- Eigenvalue problems for BVPs;
- Qualitative, asymptotic and oscillation properties, such as positivity, oscillation, symmetry, bifurcation, asymptotic behavior, regularity, and stability;
- Continuous and discrete dynamical systems;
- Applications to real world phenomena.

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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.

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