



Advances in Nonlinear Analysis and Boundary Value Problems

Guest Editors:

Dr. Ricardo Roque Enguiça

Instituto Superior de Engenharia
de Lisboa, Departamento de
Matemática, CEMAT, Lisbon,
Portugal

Dr. Clemente Cesarano

Section of Mathematics,
International Telematic
University, Corso Vittorio
Emanuele II, 39, 00186 Rome,
Italy

Deadline for manuscript
submissions:

27 December 2024

Message from the Guest Editors

Dear Colleagues,

Boundary value problems are usually associated with very-well-known real-life applications on the field of differential equations, and they are also providers of breakthrough developments on the theory of nonlinear analysis.

In this Special Issue, we will cover existence and localization results, based on the properties of Green's Function, of approximation theory, maximum principles, spectral analysis, and other techniques, providing special attention to original applied problems. Numerical analysis substantiating results re also valued.

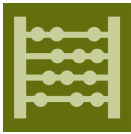
Industrial problems, not directly relatable to differential equations but solved with nonlinear arguments, also fall within the scope of this Special Issue, so works focused on these matters are welcome to be submitted.

Dr. Ricardo Roque Enguiça

Dr. Clemente Cesarano

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics,
Computer Science and
Mathematics, Public University of
Navarra, 31006 Pamplona, Spain

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.

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*)

Contact Us

Axioms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/axioms
axioms@mdpi.com
[X@Axioms_MDPI](https://twitter.com/Axioms_MDPI)