

Special Issue

Advances in Nonlinear Analysis and Its Application

Message from the Guest Editor

Nonlinear analysis has played an important role in applied mathematics, and it is very prolific in modern mathematical analysis. Many mathematical problems modelled from the fields of biology, engineering, economics, and physics are categorized as nonlinear problems. Solving these nonlinear problems requires the techniques developed in nonlinear analysis. This Special Issue will focus on recent advances in nonlinear analysis and its applications. Topics of interest include, but are not limited to, the following:

- Applied functional analysis;
- Differential and integral equations;
- Equilibrium theory in mathematical economics;
- Fixed point theory and its applications;
- Game theory in mathematical economics;
- Nonlinear analysis using fuzzy sets;
- Non-smooth analysis and optimization;
- Set-valued analysis and optimization;
- Topological methods in nonlinear analysis;
- Variational analysis.

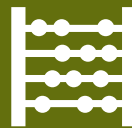
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About the Journal

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

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