Special Issue

Mathematical Modeling

Message from the Guest Editor

The numerical and mathematical analysis of complex systems requires formal modeling and accurate signal interpretation in order to make the right decisions or systems improvements in vast application areas, such as energy, medicine, and automation. Many modern solutions using whether classical (gradient-based) or metaheuristic optimization methods for modern controllers' design in renewable energies, tumors detection in biomedical images, and fault diagnosing in industrial applications are welcome. In addition, this Special Issue covers the new recognition and classification applications based on machine learning methods that are prioritized when modest or small databases are available, as well as cutting-edge methodologies based on deep learning technics using formal mathematical analysis.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 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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