

Special Issue

Application of Mathematical Methods in Structural Engineering

Message from the Guest Editors

This Special Issue is seeking papers related to the application of mathematical methods in structural engineering. We are looking for research and review articles that address the development of novel mathematical methods and their applications in civil engineering, especially in the structural engineering field. The articles for this Special Issue may cover but are not limited to the following subjects:

- mathematical programming;
- mathematical optimization;
- mathematical modeling;
- structural optimization;
- topology optimization;
- finite element analysis;
- structural health monitoring;
- structural state assessment;
- structural reliability analysis;
- probability and statistics;
- computational methods;
- signal processing;
- fuzzy mathematics;
- machine learning.

Any work relevant to the topic is welcome.

Guest Editors

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Dr. Zhi Ma

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Deadline for manuscript submissions

closed (20 September 2023)



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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

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