

Special Issue

Mathematical Applications in Mechanical and Civil Engineering

Message from the Guest Editors

This Special Issue invites you to present papers that solve problems of interest in the fields of mechanical and civil engineering, through the application of different mathematical methodologies. The mathematical modeling, analysis, and optimization of mechanical and civil engineering systems are usually required to design, implement, or build safer, more efficient, and sustainable systems, machines, or structures; therefore, it is necessary to use, develop, and evaluate mathematical methods that provide us with new capacities. The main objective is to propose and apply mathematical tools to the mathematical modeling, analysis, and optimization of mechanical and civil engineering systems that provide us with a better understanding of them. We would like to encourage researchers to contribute their state-of-the-art research to this Special Issue and provide novel mathematical approaches to the mechanical and civil engineering community.

Guest Editors

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Deadline for manuscript submissions

31 August 2025



Mathematics

an Open Access Journal
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Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/198724

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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Prof. Dr. Francisco Chiclana

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