

Special Issue

Advances in Computational Structural Dynamics

Message from the Guest Editor

This Special Issue seeks to delve into the intricate fusion of mathematical modelling and advanced computational techniques, offering a platform for researchers and practitioners to explore, innovate, and contribute to the understanding of the dynamic behaviour exhibited by structures under varying conditions. Structural dynamics, a cornerstone of engineering and applied mathematics, plays a pivotal role in ensuring the safety, resilience, and optimal performance of various structures subjected to dynamic loading scenarios. It aims to highlight recent advancements, methodologies, and novel approaches in computational structural dynamics, fostering discussions and collaborations across disciplinary boundaries.

Guest Editor

Dr. Yang Yu

School of Civil and Environmental Engineering, The University of New South Wales, Sydney, NSW 2052, Australia

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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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