Special Issue

Mathematical Methods in Engineering

Message from the Guest Editors

We are pleased to invite you to submit your research for the Special Issue entitled: "Mathematical Methods in Engineering". This Special Issue will bring together the latest advances in innovative mathematical methods relevant to any challenging engineering fields. In particular, the interest is focused on studies where the developed methodologies, both numerical and analytical, become a fundamental tool to solve specific application contexts or a generic class of problems. Recent advances in materials and engineering technologies, such as lightweight structures, periodic lattices, and metamaterials, require increasingly sophisticated models to capture and characterize both static and dynamic behaviour sufficiently. To this end, the challenge lies in the way such complex problems are solved, given the fact that conventional methods fail or lack efficiency: this Special Issue is grounded in this context. Yours sincerely,

Prof. Dr. Giovanni Formica

Guest Editors

Dr. Stefano Gabriele

Dr. Arnaldo Casalotti

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Deadline for manuscript submissions

closed (30 April 2024)

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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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