



Mathematical Methods on Mechanical Engineering

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Message from the Guest Editors

In general, heat transport is challenging to adapt analytical methods to the retrieval of confined solutions for the governing equations of heat transfer. The art of mathematical modelling involves transforming issues from a real-world application field into comprehensible mathematical formulations that are capable of analytical and simulation analysis which can offer understanding, solutions, and directions that aid the original applications. The appropriate numerical approach needs to be adopted when dealing with challenging heat transport issues. We deal with fluid flow, heat, and mass transfer in many facets of life.

This Special Issue focuses on advanced and contemporary subjects in the disciplines of mathematical and computational studies pertaining to fluid dynamics with heat and mass transport, as this study is crucial for advanced applied research in science, engineering, and technology. We intend to gather academicians, researchers, and scientists who can share their original scientific research for publication in this Special Issue.





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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.

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