Special Issue

Mathematical Modeling and Numerical Simulation in Engineering

Message from the Guest Editor

Because of the complexity of engineering problems, it is important to present the mathematical model and the corresponding numerical methods. Now partial differential equation with the corresponding boundary and initial conditions is the basic model for engineering problems. In this Special Issue, we particularly take an interest in manuscripts that report relevance of mathematical models and numerical computation for complicated engineering and social problems. The special issue will become an international forum for researchers to summarize the most recent developments of mathematical models and numerical simulations for engineering problems within the last five years, especially for the mathematical model of new problems. Moreover, the manuscripts on the mathematical theories of mathematical model and numerical computation for complicated science, engineering or social problems are welcome. We also concern the development of the corresponding aspects based on data analysis, including the corresponding theory, numerical method and the applications.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2023)

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Mathematics

MDPI

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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