Special Issue

Mathematical Modelling for Solving Engineering Problems

Message from the Guest Editors

Mathematical modeling is often considered an art of formulating and solving equations rather than a science. In general, the level of complexity of mathematical models varies considerably for different applied problems. For some complex issues, the derived equations are only specific to those conditions and cannot be used in similar cases. Therefore, it is necessary to carry out fundamental research by considering different conditions in an engineering problem or industrial challenge, and mathematical modeling of the system is done by fully covering the parameters affecting the system's performance and the relationships between them. This Special Issue on "Mathematical Modelling for Solving Engineering Problems" focuses on advancing knowledge, specifically for the mathematical modeling of problems in different fields of engineering subjected to complex conditions, as well as their solution based on various solution techniques, including classic, data mining, machine learning, etc.

Guest Editors

Dr. Siamak Ghorbani

Prof. Dr. Mais Farkhadov

Prof. Dr. Kazem Reza Kashyzadeh

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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.

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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