Mathematical Modelling in Engineering and Human Behaviour

Guest Editors:

Prof. Dr. Alicia Cordero
School of Telecommunications Engineering, Universitat Politècnica de València, 46022 Valencia, Spain

Prof. Dr. Juan Ramón Torregrosa Sánchez
Institute for Multidisciplinary Mathematics, Universitat Politècnica de València, 46022 València, Spain

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Message from the Guest Editors

This Special Issue, "Mathematical Modelling in Engineering and Human Behaviour" (in collaboration with Mathematical Modelling in Engineering & Human Behaviour 2022—MME&HB2022, https://imm.webs.upv.es/jornadas/2022/home.html), offers an interdisciplinary forum in areas such as medicine, sociology, business and engineering, where the latest mathematical techniques can be discussed in a common language among experts in cross-disciplinary areas. This Special Issue is aimed at gathering researchers working with mathematics for the formulation and analysis of models.

The main topics of the conference are:

- Mathematical models in epidemiology and medicine;
- Mathematical models in engineering;
- Applications of linear algebra;
- Iterative methods for nonlinear problems;
- Simulations in civil engineering and railway engineering;
- Networks and applications;
- Financial mathematics;
- Uncertainty quantification and modelling;
- Optimization, least squares and applications;
- Machine learning and neuronal networks;
- Mathematics for decision making.

Special Issue

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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