Special Issue

Mathematical Physics and Applied Mathematics: Latest Advances and Prospects

Message from the Guest Editor

In this Special Issue, we want to compile in one volume the new paths related to this field, in order to create a more unified vision of all that applied mathematics and mathematical physics represent in their multidisciplinary aspects. We call for researchers to define the strengths in the field of mathematics and its use in many disciplines of physics and technology. Examples include astrophysics, data processing, economics, medicine, education, the environment and issues related to climate change. Thus, submissions on numerical applications related to various facets of life movements are welcomed. Linear algebra, differential calculus or big data processing embrace these current points. Additionally, the implementation of more theoretical questions (such as general relativity, gravity or quantum physics) to practical applications such as satellite processing or computation are topics of interest in this Special Issue. The diversity of the section is very broad, with the unifying theme of applicability to questions encountered in everyday life.

Guest Editor

Prof. Dr. Màrius Josep Fullana i Alfonso

Institut Universitari de Matemàtica Multidisciplinària, Universitat Politècnica de València, Camí de Vera, s/n, 46022 Valencia, Spain

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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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