

Special Issue

Applications of Mathematics to Engineering and Information Sciences

Message from the Guest Editor

The latest advances in communications and information sciences depend a great deal on mathematical models and applications. Nowadays, the exponential increase of available data requires suitable models, not only to perform efficient data processing and management. Such models are needed to make fast and accurate estimations and predictions from these data, to estimate the quality of the data, and to evaluate the adequacy of the underlying infrastructure that generates and supports them. This issue aims to present some relevant applications of mathematics to communication networks, high-performance computing, and novel computing systems. Submitted manuscripts should meet high standards of exposition and clearly indicate the mathematical contribution in the work.

Guest Editor

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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.

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Prof. Dr. Francisco Chiclana

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