

Special Issue

Computational Mathematics and Neural Systems

Message from the Guest Editors

The Special Issue, Computational Mathematics and Neural Systems, of MDPI is devoted to exploring the latest advancements in the field of computational techniques for solving forward and inverse problems. Topics of interest include, but are not restricted to fractional systems, uncertain systems, biological neural network modelling, computational learning theory, and analysis of network dynamics applications. Keywords Analysis of network dynamics

Neural networks

Uncertain systems

Computational learning theory

Fractional differential equations

Complex systems

Dynamical systems

Delayed systems

Computational methods for systems of fractional order

Applications in bioengineering medicine, mechanical, engineering, finances economics, biology, epidemiology, mathematical physics, and so on.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2021)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).