

Special Issue

Numerical Methods for Approximation of Functions and Data

Message from the Guest Editors

The aim of this Special Issue is to publish original research articles covering recent advances in any of the areas included in approximation of functions and data. Particular emphasis is placed on innovative numerical methods for the approximation of continuous functions and data sets, with some applications. Topics include but are not limited to polynomial and rational function approximation, discrete and continuous least squares application, regression analysis, curve fitting, interpolation and extrapolation, and approximation using orthogonal functions. Applications to real-world problems are encouraged with the presentation of algorithms and comparison with existing techniques.

Guest Editors

Dr. Pravin Singh

Dr. Naben Parumasur

Prof. Dr. Vijay Kumar Kukreja

Deadline for manuscript submissions

closed (31 July 2023)



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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

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Rapid Publication:

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).