Special Issue

Applied Functional Analysis and Applications

Message from the Guest Editors

This Special Issue deals mainly with the theoretical functional analysis approaches to mathematical problems that are related to our real world. All significant areas of applications of functional analysis including new developments in functional analysis and contributions to important problems in and challenges to functional analysis are welcome. We also accept problems arising from linear, nonlinear, conic, stochastic, discrete, and dynamic optimization, variational and convex analysis including high-quality research or review papers in this Special Issue.
Keywords

- convex and non-convex optimization
- variational problems
- bilevel optimization problems
- quasi-variational inequalities
- numerical analysis for optimization problems
- monotone inclusion problems
- nonlinear integral equations
- fixed-point theory
- variational inequalities
- Hilbert spaces
- Banach spaces

Guest Editors

Prof. Dr. Jen-Chih Yao

1. Research Center for Interneural Computing, China Medical University Hospital, Taichung City 404332, Taiwan
2. Department of Applied Mathematics, National Sun Yat-sen University, Kaohsiung 80424, Taiwan

Prof. Dr. Yekini Shehu

Department of Mathematics, Zhejiang Normal University, Jinhua 321004, China

Deadline for manuscript submissions

closed (30 September 2023)

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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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