Special Issue

Variational Analysis, Optimization, and Equilibrium Problems

Message from the Guest Editors

Variational analysis, optimization, and equilibrium problems form a foundational triad in mathematical sciences, and these have far-reaching implications across both theory and real-world applications. These interrelated disciplines offer powerful frameworks for studying stability, convergence, and sensitivity in nonlinear systems, which are crucial in fields such as economics, engineering, data science, and machine learning. This Special Issue aims to collect original research articles that contribute to theoretical developments, algorithmic innovations, and the advancement of applied methodologies within these areas.

Guest Editors

Prof. Dr. Suthep Suantai

Research Center in Optimization and Computational Intelligence for Big Data Prediction, Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai 50200, Thailand

Dr. Prasit Cholamjiak

School of Science, University of Phayao, Phayao 56000, Thailand

Deadline for manuscript submissions

31 March 2026



an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mdpi.com/si/242105

Mathematics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 mathematics@mdpi.com

mdpi.com/journal/ mathematics



Σ

Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6



mathematics



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

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).