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

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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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