Special Issue

Variational Problems and Applications, 3rd Edition

Message from the Guest Editor

In recent decades, interest in variational (interval/fuzzy) analysis and robust control has significantly increased among researchers. Various approaches have been proposed to formulate the necessary and sufficient optimality/efficiency conditions and duality theorems for different classes of robust and interval-valued/fuzzy variational problems. This third edition of the Special Issue "Variational Problems and Applications" aims to further develop research in this dynamic field. We invite studies focused on uncertain variational problems, particularly those that formulate and demonstrate characterization results of well-posedness and robust efficient solutions. This Special Issue seeks to explore new classes of (multiobjective) variational (control) problems governed by multiple and/or path-independent curvilinear integral cost functionals, as well as robust mixed and/or isoperimetric constraints involving first- and second-order partial differential equations. We invite you to publish your latest research findings in this Special Issue, contributing to the advancement of knowledge in the field of variational problems and their applications.

Guest Editor

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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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