Special Issue

Advances in Mathematical Methods in Optimal Control and Applications, 2nd Edition

Message from the Guest Editor

Optimal control theory is a mathematical research area of great development with a wide range of applications across various fields. Optimal control problems aim to find the optimal control strategy that minimizes an objective (also called cost) function, while satisfying control system dynamics and a set of constraints (e.g., boundary, state, and control). The mathematical framework of the control system, cost function, and constraints can be very different, and, for each of them, distinct mathematical methods must be applied. This Special Issue focuses on recent advances in mathematical methods for the optimal control of different types of control systems, state and control constraints, and boundary conditions. We welcome papers on new mathematical methods for optimal control problems with applications in biology, ecology, population dynamics, epidemiology, economics, etc.

Guest Editor

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Axioms

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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