# Special Issue

# Advances in Intelligent Control for Solving Optimization Problems

## Message from the Guest Editor

This Special Issue aims to address complex optimization challenges through intelligent control techniques. As modern engineering systems become increasingly complex, traditional optimization methods often struggle to handle nonlinearities, uncertainties, and high-dimensional complexities. This Special Issue covers topics such as neural networks, fuzzy logic, optimal control, and reinforcement learning. It explores a wide range of applications, including industrial automation, robotics, energy systems, and complex networks, demonstrating how intelligent control strategies can achieve optimal solutions in highly dynamic and uncertain environments. By bridging intelligent control and optimization, it paves the way for more efficient, adaptive, and intelligent decision-making systems across various domains.

## Guest Editor

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## Deadline for manuscript submissions

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## Message from the Editor-in-Chief

Mathematics permeates all kinds of academic worlds and is a fountain flowing with innovative development. The journal *AppliedMath*, publishing high-quality refereed papers discussing various aspects of applied mathematics, is dedicated to promoting the integration of mathematics with applied disciplines to cultivate a profitable frontier of mathematics. The journal highlights articles devoted to the mathematical treatment of questions and phenomena arising in physics, chemistry, biology, medicine, pharmacy, engineering, information science, social sciences, and humanities. One of the missions of this journal is to serve scientists by quickly announcing the seeds of significant mathematical breakthroughs in science and technology.

## Editor-in-Chief

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