

Special Issue

Advancements in Nonlinear Control Strategies

Message from the Guest Editor

We invite contributions in the following areas:

- **Advanced Control Strategies:** Novel approaches to enhance the control of nonlinear systems;
- **Stability Analysis:** Techniques for assessing and ensuring system stability;
- **Performance Optimization:** Methods to improve the efficiency and effectiveness of control strategies;
- **Practical Applications:** Implementations in robotics, unmanned aerial vehicles (UAVs), autonomous underwater vehicles (AUVs), and other nonlinear systems;
- **Intelligent Control Techniques:** Integration of neural networks, fuzzy logic systems, model predictive control, reinforcement learning, and other techniques to bolster nonlinear control methodologies;
- **Simulation Results:** Studies showcasing simulation outcomes that validate new control approaches.

This Special Issue aims to inspire new solutions and further research in the field of nonlinear control, providing a platform for sharing cutting-edge advancements and practical implementations.

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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