

Special Issue

Control Theory and Applications, 3rd Edition

Message from the Guest Editors

We are pleased to introduce the third volume of this Special Issue, "Control Theory and Applications". Following the impactful contributions in the first two editions, this third volume will continue to bridge advanced mathematical theory with real-world engineering challenges, offering a platform for innovative research in control systems. This edition will maintain a strong focus on both foundational methods and emerging trends, including data-driven control, AI-enhanced system design, and resilient control strategies for complex dynamic environments. We also aim to emphasize applications in robotics, biomedical engineering, industrial automation, and sustainable energy systems—areas where control theory plays an increasingly vital role. We invite researchers and practitioners to contribute their latest findings and developments in this rapidly evolving field. Your contributions will help shape the next generation of control methodologies and expand the frontiers of applied mathematics and engineering. We look forward to your participation in this continued exploration of control theory and its transformative applications.

Guest Editors

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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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