

Special Issue

Advances in Robust Control Theory and Its Applications

Message from the Guest Editors

A Special Issue on "Advances in Robust Control Theory and Its Applications" presents recent advances in the analysis, design, and practical implementation of control systems capable of providing robust stability and robust performance in the presence of structured or unstructured uncertainties. The uncertainties can affect both system parameters and reflect the action of external signal disturbances. Robust control frameworks known for their ability to address challenges posed by nonlinear or time-varying plants include H-infinity theory, MU design, sliding mode control, and LQR control. The Special Issue encourages both pure theoretical works with solid mathematical background as well as practical implementations of robust control in areas such as unmanned vehicles, power systems, industrial, and economic systems, etc.

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).