

Special Issue

Intelligent Robots Control and Navigation and Their Mathematical Methods and Insights

Message from the Guest Editors

This Special Issue, titled “Intelligent Robots Control and Navigation and Their Mathematical Methods and Insights” promotes a deeper understanding and design of all fundamental aspects in intelligent robot control and navigation, and bridges theoretical questions, foundational issues, and the continuing evolution of applications. The emphasis is on mathematical methods and insights that lead to a better understanding of the aspects of robot control and navigation and on the latter’s expansion into new domains. This Special Issue aims to compile the latest advancements in mathematical methods and insights, addressing not only theoretical but also practical challenges in classical and modern robot structures. These structures encompass a range of types, including robotic manipulators, walking robots, flexible robots, haptic robots, and various traditional and innovative mechanisms, each designed to tackle diverse tasks such as grasp, manipulation, and motion in various applications. Particular emphasis is given to the mathematical insights provided by the approaches.

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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