

Special Issue

Artificial Intelligence and Mathematical Models in Robotics and Automation

Message from the Guest Editors

Artificial intelligence (AI) and mathematical modeling play pivotal roles in the dynamic and ever-evolving fields of robotics and automation. AI brings unique tools and techniques, ranging from machine learning algorithms to complex decision-making frameworks, that endow robots and automated systems with enhanced cognitive abilities. We invite you to contribute to our upcoming Special Issue on “Artificial Intelligence and Mathematical Models in Robotics and Automation”. This Special Issue aims to present the latest advancements and explore the synergies between artificial intelligence (AI), mathematical modeling, robotics, and automation. It intends to bring together leading researchers and practitioners from these intersecting fields to share their insights, experiences, and innovations. This topic aligns well with the journal’s scope, which encompasses publishing high-quality research articles, reviews, and case studies related to robotics, automation, and their integration with AI and mathematical models.

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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