

Special Issue

Mathematical Modeling for Dynamics, Simulation and Control of Robotic and Industrial Systems

Message from the Guest Editors

This Special Issue, titled “Mathematical Modeling for Dynamics, Simulation and Control of Robotic and Industrial Systems”, emphasizes the application of mathematical models for the development of robotic and industrial systems, focusing on the optimization of the dynamics, simulation or control of these systems. Simulation and real results of practical applications able to demonstrate enhanced behavior in industrial and robotics systems are welcome. In addition, applications of artificial intelligence and machine learning algorithms for robotic and industrial systems will be addressed. The articles will highlight the importance of multidisciplinary research and collaboration between mathematicians and engineers to solve real-world challenges. We hope this Special Issue will provide an insight into the diversity of mathematical techniques that can be applied to robotic and industrial fields.

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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