Special Issue

Mathematics Methods of Robotics and Intelligent Systems

Message from the Guest Editors

The Special Issue on "Mathematical Methods of Robotics and Intelligent Systems" aims to bring together mathematical methods and advancements for applications of robotic and intelligent systems. The field of robotics and intelligent systems has witnessed remarkable advancements in recent years and has been propelled by the integration of sophisticated mathematical methods. This Special Issue aims to explore and highlight the pivotal role that mathematical approaches play in shaping the landscape of robotics and intelligent systems. This Special Issue seeks to provide a comprehensive platform for researchers, academics, and practitioners to disseminate their latest findings and insights into the diverse applications of mathematical methods in the realm of robotics and intelligent systems. Contributions are invited across a spectrum of topics, including but not limited to mathematical modeling in control systems, path planning, motion control, machine learning, optimization methods, nonlinear control theory, advanced intelligent algorithms for robotic systems, deep learning, bio-inspired robotics, and cooperative control for multi-robot systems.

Guest Editors

Dr. Yung-Hsiang Chen

Department of Mechanical Engineering, National Pingtung University of Science and Technology, Pingtung 912301, Taiwan

Dr. Yung-Yue Chen

Department of Systems and Naval Mechatronics Engineering, National Cheng Kung University, Tainan 70101, Taiwan

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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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