



Trajectory Analysis, Positioning and Control of Mobile Robots

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Message from the Guest Editors

In the last decade, mobile robots have increased their presence in our society. It is becoming increasingly common to read about self-driving cars, robots utilized for quality control or dangerous tasks, and drones used for product delivery. The improvements made in the fields of computer science, electronics, and power technologies, together with advances in artificial intelligence (AI), SLAM, navigation, and control of dynamic systems, are providing mobile robots with greater robustness and new capabilities to adapt themselves to the environment uncertainties.

The aim of this Special Issue on “Trajectory Analysis, Positioning and Control of Mobile Robots” is to provide an overview of this wide field. It should be of interest to the artificial intelligence, robotics, control, augmented, and virtual reality communities. Therefore, this Special Issue welcomes the submission of technical, experimental, and methodological papers related to artificial intelligence, navigation, SLAM, control theory, and human–robot interaction applied to mobile robotics.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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