Nonlinear Control in Robotics

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editor

This Special Issue on "Nonlinear Control in Robotics", part of the *Electronics* MDPI Journal, offers a framework for the presentation of scientific research that brings together interesting and relevant contributions in the field of nonlinear controllers applied in robotics. Therefore, this Special Issue is focused on new approaches for nonlinear control in robotic systems (manipulators, mobile robotics, drones, UAV, humanoid robots, space robotics, etc.). These new approaches include but are not limited to the following:

- Motion control;

- Force control;

- Visual serving;Neural networks in robot control;

- Intelligent control in robotics;

- Deep learning and machine learning;

- Optimal control in robotics;

- Adaptive and robust control in robotics;

- Model-based control design for robotic systems;

- Modeling and simulation of robotic systems;

- Nonlinear controllers in field robotics.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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