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Smart Sensor-Based Robot Control and Calibration

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Message from the Guest Editors

Sensor-based control of different robotics systems is one of the main challenges of modern robotics, pushing us to develop intelligent robots which work, move, and interact with us. Contemporary robots are being equipped with new sophisticated sensors, measuring information about the world both directly and indirectly. In addition, readily available, redundant sensor information may provide us with additional information on the robot's state and behavior. This offers robots huge potential for further enhancement of their intelligent control systems and parameter calibration using both classical and AI-based approaches. This Special Issue will highlight state-of-the-art sensor technology in applications to the area of “Smart Sensor-Based Robot Control and Calibration” through original contributions and reviews.

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Special Issue



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Message from the Editor-in-Chief

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