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Advanced Sensors for Intelligent Control Systems

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Message from the Guest Editors

Sensors are essential components for acquiring information for intelligent systems to improve control performance by estimating physical properties. The sensor design and development for control systems involve modeling, simulation of physical fields, and hardware implementation. This Special Issue covers the topics of various sensors utilized for control systems or mechatronics systems. The scope of the Special Issue includes but is not limited to:

Deadline for manuscript
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- Torque sensing in robotics systems
- Force sensing in manufacturing applications
- Eddy current sensor for nondestructive detection
- Electrical impedance sensing for abnormal objection detection
- Magnetic localization in medical applications or indoor positions
- Navigation of autonomous vehicles
- Visual feedback systems
- Sensor design and modeling
- Integration of sensors in control systems
- Intelligent sensing systems



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Special Issue



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Message from the Editor-in-Chief

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