

Special Issue

Force Sensors for Robotic Applications

Message from the Guest Editor

Force sensing is essential in various robotic applications. Therefore, force sensors are important in providing high-quality services in various robots, such as humanoid, wearable robot, surgical robot, industrial manipulator, telemanipulator, and so on. Sensors make possible delicate tasks that were previously thought impossible for robotic applications. For sensors to be used in robotic applications, though, novel force sensing principles, robot integration, miniaturization, force calibration, soft smart material research, and so on need to be considered. This Special Issue will highlight state-of-the-art sensors technology in “Force Sensors for Robotic Applications” through original contributions and reviews. Topics of interest include but are not limited to the following:

- Force-sensor-integrated robot applications
- Multiaxis sensors
- Force/torque sensors
- Wearable sensors
- Soft sensors
- Smart material-based sensor
- Force calibration

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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