

Special Issue

Intelligent Process Control Techniques Used for Robotics

Message from the Guest Editors

The main objective of this Special Issue is, through scientific researchers and technical engineers, to introduce the latest studies in the field of intelligent technologies for robotics, including intelligent algorithms, robotic systems, human-machine collaboration, etc. Furthermore, intelligent solutions for robotic engineering and future research prospects will also be provided.

Potential topics include, but are not limited to, the following:

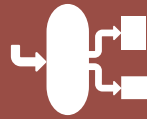
- Intelligent control algorithms applied to robots (fuzzy control, neural network control, reinforcement learning control, etc.);
- Artificial intelligence technologies applied to robots (cognitive mechanisms, machine vision, machine hearing, pattern recognition, machine reasoning, intelligent decision-making, etc.);
- Examples of intelligent technologies applied to various robots (industrial robots, medical robots, special robots, entertainment robots, etc.);
- Practical application examples of intelligent robots in automatic production processes (chemistry, biology, materials, energy, environment, food, pharmacy, manufacturing, etc.).

Guest Editors

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