

ROBOTICS ENGINEERING

NEW BOOK SERIES

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Robotics engineering is one of the most fascinating engineering fields in the 21st century, allowing improvement in virtually all areas of human life. Cutting-edge designs of mobile and industrial robots, soft robots, biorobots and molecular robots, etc., combines the complementarity of the anthropomorphic and biomorphic concepts in robotics, autonomous and artificial intelligence-based perception and action, miniaturization of robotic devices and penetration into micro- and nano-space.

THE NEW ROBOTICS ENGINEERING BOOK SERIES WILL

- Enhance the development of innovative academic engineering curriculums and inspire new R&D directions
- Establish a continuous, consecutive and successive learning environment at various levels of the engineering society
- Facilitate professional development in advanced technologies and bring more students, engineers and faculties to robotics engineering

SERIES SCOPE AND PURPOSE

The series covers conceptually new and emerging methodologies and technologies in macro-, micro-, and nano-scale robots and robotic systems; open-architecture systems; systems with components of different physics domains such as mechanical, electrical and electronics; biologically-inspired systems and chemical processes; and robot-human interaction. Applications include, but are not limited to:

- Industrial Robots
- Mobile Robots
- Medical and Bio-Medical Robotic Devices, and other Biorobots
- Service Assistant Robots
- Educational and Entertainment Robots

For submission guidelines, please contact the series editor.

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