

AI Developments for Industrial Robotics and Intelligent Drones

Part of the Advances in Computational Intelligence and Robotics Book Series

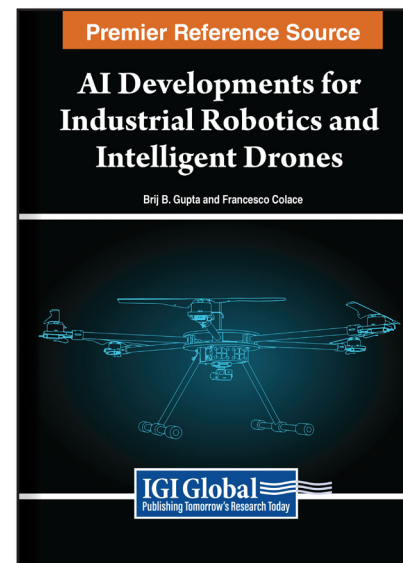
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Description:

In today's rapidly evolving technological landscape, industries increasingly turn to industrial robots and intelligent drones to streamline processes, improve efficiency, and reduce costs. However, the complexity of these smart devices, coupled with the need for seamless integration of machine learning, AI, robotics, and deep learning technologies, poses significant challenges for researchers and practitioners alike. As a result, there is a growing demand for comprehensive resources that explore the latest advancements in these fields and provide practical insights and solutions for effectively leveraging these technologies.

AI Developments for Industrial Robotics and Intelligent Drones addresses this pressing need by offering a detailed and insightful examination of the key technologies driving the development of industrial robots and intelligent drones. By compiling the latest research and developments in the field, this book serves as a comprehensive guide for researchers, scholars, and professionals seeking to understand and harness the full potential of these technologies.

Through its in-depth exploration of topics such as industrial robots, intelligent drones, IoT integration, programming, control systems, and security, this book provides readers with a holistic view of the challenges and opportunities in the field. By offering practical insights and real-world examples, this book empowers readers to navigate the complexities of industrial robots and intelligent drones, making it an indispensable resource for anyone looking to stay at the forefront of technological innovation.



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- Intelligent Drones
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- Internet of Underwater Things
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- Programming of Industrial Robots and Intelligent Drones
- Robotic Control Systems
- Security of Industrial Robots and Drones
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- The Roles of AI/ML and IoT in Robotic Applications
- Wireless Networks for Industrial Automation-Factory Automation

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