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Soggetti	Artificial intelligence Optical data processing Control engineering Robotics Mechatronics Computers and civilization Application software User interfaces (Computer systems) Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Control, Robotics, Mechatronics Computers and Society Computer Applications User Interfaces and Human Computer Interaction
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Nota di contenuto	Robot Control -- Robot Mechanism, Robot Vision and Sensing -- Planning, Localization, and Mapping -- Interactive Intelligence -- Cognitive Robotics -- Bio-Inspired Robotics -- Smart Material Based Systems -- Mechatronics Systems for Nondestructive Testing -- Social Robotics -- Human Support Robotics -- Assistive Robotics -- Intelligent Space -- Sensing and Monitoring in Environment and

Sommario/riassunto

This two volume set LNAI 9834 and 9835 constitutes the refereed proceedings of the 9th International Conference on Intelligent Robotics and Applications, ICIRA 2016, held in Tokyo, Japan, in August 2016. The 114 papers presented were carefully reviewed and selected from 148 submissions. The papers are organized in topical sections such as Robot Control; Robot Mechanism, Robot Vision and Sensing; Planning, Localization, and Mapping; Interactive Intelligence; Cognitive Robotics; Bio-Inspired Robotics; Smart Material Based Systems; Mechatronics Systems for Nondestructive Testing; Social Robotics; Human Support Robotics; Assistive Robotics; Intelligent Space; Sensing and Monitoring in Environment and Agricultural Sciences; Human Data Analysis; Robot Hand.
