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Soggetti	Artificial intelligence Special purpose computers Control engineering Robotics Mechatronics Computer communication systems Algorithms Computer science—Mathematics Artificial Intelligence Special Purpose and Application-Based Systems Control, Robotics, Mechatronics Computer Communication Networks Algorithm Analysis and Problem Complexity Mathematics of Computing
Lingua di pubblicazione	Inglese
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Nota di contenuto	Multi-agent Systems and Distributed Control -- Human-Machine Interaction -- Rehabilitation Robotics -- Industrial Robot and Robot Manufacturing -- Sensors and Actuators -- Robot Grasping and Control -- Mobile Robotics and Path Planning -- Robotic Vision, Recognition and Reconstruction -- Robot Intelligence and Learning.
Sommario/riassunto	The two volume set LNAI 10984 and LNAI 10985 constitutes the

refereed proceedings of the 11th International Conference on Intelligent Robotics and Applications, ICIRA 2018, held in Newcastle, NSW, Australia, in August 2018. The 81 papers presented in the two volumes were carefully reviewed and selected from 129 submissions. The papers in the first volume of the set are organized in topical sections on multi-agent systems and distributed control; human-machine interaction; rehabilitation robotics; sensors and actuators; and industrial robot and robot manufacturing. The papers in the second volume of the set are organized in topical sections on robot grasping and control; mobile robotics and path planning; robotic vision, recognition and reconstruction; and robot intelligence and learning.
