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| Descrizione fisica      | 1 online resource (XXIII, 801 p. 555 illus.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Collana                 | Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 9834                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Disciplina              | 629.892                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Soggetti                | Artificial intelligence<br>Image processing - Digital techniques<br>Computer vision<br>Control engineering<br>Robotics<br>Automation<br>Computers and civilization<br>Application software<br>User interfaces (Computer systems)<br>Human-computer interaction<br>Artificial Intelligence<br>Computer Imaging, Vision, Pattern Recognition and Graphics<br>Control, Robotics, Automation<br>Computers and Society<br>Computer and Information Systems Applications<br>User Interfaces and Human Computer Interaction |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 --                                                                                                                                                                                |

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.

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