1. Record Nr. UNINA9910298962503321

Titolo	Robotics : Joint Conference on Robotics, LARS 2014, SBR 2014, Robocontrol 2014, São Carlos, Brazil, October 18-23, 2014. Revised Selected Papers / / edited by Fernando S. Osório, Denis Fernando Wolf, Kalinka Castelo Branco, Valdir Grassi Jr., Marcelo Becker, Roseli Romero
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
ISBN	3-662-48134-0
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XVII, 169 p. 91 illus. in color.)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 507
Disciplina	006.3
Soggetti	Artificial intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Autonomous mobile robots -- Tele-operated and telepresence robots -- Human-robot interaction -- Trajectory control for mobile robots -- Autonomous vehicles -- Service-oriented robotic Systems -- Semantic mapping -- Environment mapping -- Visual odometry -- Applications of RGB-D sensors -- Humanoid and biped robots -- Robocup soccer robots -- Robot control -- Path planning -- Multiple vehicles and teams of robots.
Sommario/riassunto	This book constitutes the refereed proceedings of the Joint Conference on Robotics, LARS, SBR, Robocontrol 2014, held in São Carlos, Brazil, in October 2014. The 8 revised full papers presented were carefully reviewed and selected from 76 submissions. The selected papers present a complete and solid reference of the state-of-the-art of intelligent robotics and automation research, covering the following areas: autonomous mobile robots, tele-operated and telepresence robots, human-robot interaction, trajectory control for mobile robots, autonomous vehicles, service-oriented robotic systems, semantic mapping, environment mapping, visual odometry, applications of RGB-D sensors, humanoid and biped robots, Robocup soccer robots, robot control, path planning, multiple vehicles and teams of robots.