1. Record Nr. UNINA9910483409703321

Titolo	Intelligent Robotics and Applications : Second International Conference, ICIRA 2009, Singapore, December 16-18, 2009, Proceedings / / edited by Ming Xie, Youlun Xiong, Caihua Xiong, Zhencheng Hu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	1-280-38337-2 9786613561299 3-642-10817-2
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XXXVIII, 1296 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 5928
Altri autori (Persone)	XieM (Min)
Disciplina	006.3
Soggetti	Artificial intelligence Control engineering Computer simulation Robotics Automation Medical care Image processing - Digital techniques Computer vision Artificial Intelligence Control and Systems Theory Computer Modelling Control, Robotics, Automation Health Care Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ubiquitous and Cooperative Robots in Smart Space -- Advanced Control on Autonomous Vehicles -- Intelligent Vehicles: Perception for Safe Navigation -- Novel Techniques for Collaborative Driver Support -- Robot and Automation in Tunneling (973) -- Robot Mechanism and Design -- Robot Motion Analysis -- Robot Motion Control -- Visual

	Perception by Robots -- Computational Intelligence by Robots -- Robot and Application -- Robot and Investigation.
Sommario/riassunto	This volume constitutes the refereed proceedings of the Second International Conference on Intelligent Robotics and Applications, ICIRA 2009, held in Singapore, in December 2009. The 128 revised full papers presented were thoroughly reviewed and selected from 173 submissions. They are organized in topical sections on ubiquitous and cooperative robots in smart space; advanced control on autonomous vehicles; intelligent vehicles: perception for safe navigation; novel techniques for collaborative driver support; robot and automation in tunneling; robot mechanism and design; robot motion analysis; robot motion control; visual perception by robots; computational intelligence by robots; robot and application; and robot and investigation.