

1. Record Nr.	UNISA996466135803316
Titolo	Sensor based intelligent robots : international workshop, Dagstuhl Castle, Germany, September 28-October 2, 1998 : selected papers // Henrik I. Christensen, Horst Bunke, Hartmut Noltemeier, editors
Pubbl/distr/stampa	New York, NY : , : Springer, , [1999] Â©1999
ISBN	3-540-46619-3
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (VIII, 332 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1724
Disciplina	629.8
Soggetti	Robotics - Social aspects Intelligent control systems - Data processing
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 at the end of each chapters and index.
Nota di contenuto	Markov Localization for Reliable Robot Navigation and People Detection -- Relocalisation by Partial Map Matching -- Localization and On-Line Map Building for an Autonomous Mobile Robot -- Interactive Learning of World Model Information for a Service Robot -- MAid: A Robotic Wheelchair Operating in Public Environments -- Interactive Robot Programming Based on Human Demonstration and Advice -- Towards Smarter Cars -- Active Control of Resolution for Stable Visual Tracking -- Near-Optimal Sensor-Based Navigation in an Environment Cluttered with Simple Shapes -- Realistic Environment Models and Their Impact on the Exact Solution of the Motion Planning Problem -- Robot Localization Using Polygon Distances -- On-Line Searching in Simple Polygons -- Distributed Algorithms for Carrying a Ladder by Omnidirectional Robots in Near Optimal Time -- Modeling and Stability Analysis of the Dynamic Behavior in Load Sharing Systems -- Recent Advances in Range Image Segmentation -- ISR: An Intelligent Service Robot -- Vision-Based Behavior Control of Autonomous Systems by Fuzzy Reasoning.