

1. Record Nr.	UNINA9910462852303321
Titolo	Artificial intelligence research and development [[electronic resource]] : proceedings of the 15th International Conference of the Catalan Association for Artificial Intelligence // edited by David Riano, Eva Onaindia, and Miguel Cazorla
Pubbl/distr/stampa	Amsterdam ; ; Washington, DC, : IOS Press, 2012
ISBN	1-283-92040-9 1-61499-139-1
Descrizione fisica	1 online resource (260 p.)
Collana	Frontiers in artificial intelligence and applications ; ; v. 248
Altri autori (Persone)	RianoDavid OnaindiaEva CazorlaMiguel
Disciplina	573.8
Soggetti	Artificial intelligence Computer science Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Title Page; Preface; Conference Organization; Contents; Invited Talks; Some Real-World Applications of Soft Artificial Intelligence: Scientogram Mining, Assembly Line Balancing, and Forensic Identification; Challenges of Automation and Safety in Field Robotics; KDD, DM and Machine Learning; Data Mining and Query Answer Techniques Applied to a Bio-Nutritional Trials Focused Expert System; The Use of the Traffic Lights Panel as a Goodness-of-Clustering Indicator: An Application to Financial Assets Using Gabriel Graphs in Borderline-SMOTE to Deal with Severe Two-Class Imbalance Problems on Neural Networks Active Learning of Actions Based on Support Vector Machines; Towards the Formalization of Re-Identification for Some Data Masking Methods; Natural Language Processing and Recommenders; Towards Object Descriptions in Natural Language from Qualitative Models; Semantically-Enhanced Recommenders; Computer Vision; Supervised Texture Classification Using Optimization Techniques; Modelling Facial Expressions Dynamics

with Gaussian Process Regression; Survey on 2D and 3D Human Pose Recovery

A Study of Registration Techniques for 6DoF SLAM Robotics; Object Detection Methods for Robot Grasping: Experimental Assessment and Tuning; The Role of i-Walker in Post-Stroke Training; Using a RGB-D Camera for 6DoF SLAM; Learning Topological SLAM Using Visual Information; AI for Optimization Problems; Exploring Genetic Algorithms and Simulated Annealing for Immobile Location-Allocation Problem; Analysis and Generation of Pseudo-Industrial MaxSAT Instances; A SAT-Based Approach to MinSAT; Multicast Session Protection Planner - Tool to Plan and Deploy Protection Infrastructure: A SPEA Approach

AI Applications to Real World A Case-Based Hybrid System for Injection Molding Sensorization; First Studies on Self-Preserving Digital Objects; Intelligent Building Energy Management Through Holistic Knowledge Based Approach; Quantitative and Qualitative Approaches for Stock Movement Prediction; Subject Index; Author Index
