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| Nota di contenuto       | <p>""Title Page""; ""Preface""; ""Conference Organization""; ""Contents""; ""Machine Learning""; ""Approximate Policy Iteration with Bellman Residuals Minimization""; ""A Randomized Algorithm for Exact Transduction""; ""Comparing Feature-Based and Distance-Based Representations for Classification Similarity Learning""; ""Computer Vision I""; ""Bag-of-Tracklets for Person Tracking in Life-Logging Data""; ""Improving Autonomous Underwater Grasp Specification Using Primitive Shape Fitting in Point Clouds""; ""Emotions Classification Using Facial Action Units Recognition""</p> <p>""Decision Support Systems""""Intelligent System for Optimisation in Golf Course Maintenance""; ""A Hierarchical Decision Support System to Evaluate the Effects of Climate Change in Water Supply in a Mediterranean River Basin""; ""A Computational Creativity System to Support Chocolate Designers Decisions""; ""Learning by Demonstration Applied to Underwater Intervention""; ""Social and Cognitive Systems""; ""Understanding Color Trends by Means of Non-Monotone Utility Functions""; ""Analysis of a Collaborative Advisory Channel for Group Recommendation""</p> <p>""Discovery of Spatio-Temporal Patterns from Location Based Social Networks""""Collaborative Assessment""; ""Computer Vision II""; ""Analysis of Gabor-Based Texture Features for the Identification of Breast Tumor Regions in Mammograms""; ""Improvement of Mass</p> |

Detection in Breast X-Ray Images Using Texture Analysis Methods""; ""Validating and Customizing a Colour Naming Theory""; ""Fuzzy Logic and Reasoning I""; ""One-Dimensional T-Preorders""; ""On the Derivation of Weights Using the Geometric Mean Approach for Set-Valued Matrices""; ""Fuzzy Logic and Reasoning II"" ""Local and Global Similarities in Fuzzy Class Theory"" ""On the Characterization of the Maximal Ideal Recursive Semantics of RP-DeLP""; ""Planning""; ""A Comparison of Two MCDM Methodologies in the Selection of a Windfarm Location in Catalonia""; ""A System for Generation and Visualization of Resource-Constrained Projects""; ""Short Contributions and Applications""; ""Towards a Remote Associate Test Solver Based on Language Data""; ""Fear Assessment: Why Data Center Servers Should Be Turned Off""; ""Low-Complex Real-Time Breathing Monitoring System for Smartphones"" ""Influencer Detection Approaches in Social Networks: A Current State-of-the-Art"" ""Combinatorial and Multi-Unit Auctions Applied to Digital Preservation of Self-Preserving Objects""; ""Manifold Learning Visualization of Metabotropic Glutamate Receptors""; ""Evaluation of Random Forests on Large-Scale Classification Problems Using a Bag-of-Visual-Words Representation""; ""Web Pattern Detection for Business Intelligence with Data Mining""; ""About Model-Based Distances""; ""Defining Dimensions in Expertise Recommender Systems for Enhancing Open Collaborative Innovation"" ""Using the Fuzzy Inductive Reasoning Methodology to Improve Coherence in Algorithmic Musical Beat Patterns""

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## Sommario/riassunto

This book presents 34 original papers accepted for presentation at the 17th International Conference of the Catalan Association for Artificial Intelligence (CCIA 2014), held in October 2014 in Barcelona, Spain. The Catalan Association for Artificial Intelligence (ACIA), was created in 1994 as a non-profit association to promote cooperation among researchers from the Catalan-speaking artificial intelligence research community. Conferences are now held annually throughout the Catalan-speaking countries. The papers in this volume have been organized around different topics, providing a representat

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