1. Record Nr. UNISA996465404103316

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| Titolo | Fuzzy Logic and Applications [[electronic resource] ] : 8th International Workshop, WILF 2009 Palermo, Italy, June 9-12, 2009 Proceedings / / edited by Vito Di Gesù, Sankar Kumar Pal, Alfredo Petrosino |
| Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009 |
| ISBN | 3-642-02282-0 |
| Edizione | [1st ed. 2009.] |
| Descrizione fisica | 1 online resource (XIV, 378 p.) |
| Collana | Lecture Notes in Artificial Intelligence ; ; 5571 |
| Disciplina | 006.3 |
| Soggetti | Artificial intelligence<br>Mathematical logic<br>Optical data processing<br>Pattern recognition<br>Information storage and retrieval<br>Application software<br>Artificial Intelligence<br>Mathematical Logic and Formal Languages<br>Image Processing and Computer Vision<br>Pattern Recognition<br>Information Storage and Retrieval<br>Computer Applications |
| 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 | Advances in Theory of Fuzzy Sets -- Non Contradiction, Excluded Middle, and Fuzzy Sets -- Approximate Parallelism between Fuzzy Objects: Some Definitions -- Barycentric Algebras and Gene Expression -- Fuzzy Quantification Using Restriction Levels -- Least Squares Method for L-R Fuzzy Variables -- Modeling Interpretive Steps in Fuzzy Logic Computations -- Nestings of T–Conorms -- On Coherence and Consistence in Fuzzy Answer Set Semantics for Residuated Logic Programs -- Rough Set Approach to Rule Induction from Imprecise Decision Tables -- Uninorm Based Fuzzy Network for Tree Data |

Structures -- Advances in Intuitionistic Fuzzy Sets -- A Note on the Conditional Expectation of IF-Observables -- A Survey on the Algebras of the So–Called Intuitionistic Fuzzy Sets (IFS) -- General Form of Probabilities on IF-Sets -- On the E-Probability on IF-Events -- Fuzzy Classification and Clustering -- Rough Ensemble Classifier: A Comparative Study -- A Fuzzy One Class Classifier for Multi Layer Model -- An Experimental Validation of Some Indexes of Fuzzy Clustering Similarity -- Combining Fuzzy C-Mean and Normalized Convolution for Cloud Detection in IR Images -- Fuzzy C-Means Inspired Free Form Deformation Technique for Registration -- Interpretability Assessment of Fuzzy Rule-Based Classifiers -- Metaclustering and Consensus Algorithms for Interactive Data Analysis and Validation -- Neuro-Fuzzy Approach for Reconstructing Fissures in Concrete's Reinforcing Bars -- Fuzzy Image Processing and Analysis -- Fuzzy Relational Calculus and Its Application to Image Processing -- A Combined Fuzzy and Probabilistic Data Descriptor for Distributed CBIR -- A Fuzzy Approach to the Role of Symmetry in Shape Formation: The Illusion of the Scalene Triangle -- A Unified Algebraic Framework for Fuzzy Image Compression and Mathematical Morphology -- Adaptive Image Watermarking Approach Based on Kernel Clustering and HVS -- An Automatic Three-Dimensional Fuzzy Edge Detector -- Fuzzy Sets for Image Texture Modelling Based on Human Distinguishability of Coarseness -- Geometry of Spatial Bipolar Fuzzy Sets Based on Bipolar Fuzzy Numbers and Mathematical Morphology -- Interactive Image Retrieval in a Fuzzy Framework -- Modelling the Effects of Internal Textures on Symmetry Detection Using Fuzzy Operators -- Multivalued Background/Foreground Separation for Moving Object Detection -- Periodic Pattern Detection for Real-Time Application -- Fuzzy Systems -- A System for Deriving a Neuro-Fuzzy Recommendation Model -- A Type-1 Approximation of Interval Type-2 FLS -- Control of a Non-isothermal CSTR by Type-2 Fuzzy Logic Controllers -- Evaluating Fuzzy Controller Robustness Using Model Checking -- Learning Fuzzy Systems by a Co-Evolutionary Artificial-Immune-Based Algorithm -- Advanced Applications -- A Fuzzy Inference Expert System to Support the Decision of Deploying a Military Naval Unit to a Mission -- A Reasoning Methodology for CW-Based Question Answering Systems -- An Intelligent Car Driver for Safe Navigation with Fuzzy Obstacle Avoidance -- Extending Fuzzy Sets with New Evidence for Improving a Sign Language Recognition System -- General Fuzzy Answer Set Programs -- Reverse Engineering of Regulatory Relations in Gene Networks by a Probabilistic Approach -- Temporal Features in Biological Warfare.