

1. Record Nr.	UNISA996466303503316
Titolo	Knowledge Science, Engineering and Management [[electronic resource]] : 4th International Conference, KSEM 2010, Belfast, Northern Ireland, UK, September 1-3, 2010, Proceedings // edited by Yaxin Bi, Mary Anne Williams
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	3-642-15280-5
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XIII, 618 p. 156 illus.)
Collana	Lecture Notes in Artificial Intelligence ; ; 6291
Classificazione	06.64
Disciplina	006.33
Soggetti	Data mining Computer communication systems Artificial intelligence Application software Information storage and retrieval Database management Data Mining and Knowledge Discovery Computer Communication Networks Artificial Intelligence Information Systems Applications (incl. Internet) Information Storage and Retrieval Database Management Belfast <2010>
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	Mining Video Data: Learning about Activities -- Ontology Languages and Engineering -- Theory of Belief Functions for Data Analysis and Machine Learning Applications: Review and Prospects -- Modeling Ontological Concepts of Locations with a Heterogeneous Cardinal Direction Model -- Finding Minimal Rare Itemsets and Rare Association Rules -- Background Knowledge Integration in Clustering Using Purity Indexes -- A Comparison of Merging Operators in Possibilistic Logic --

Modelling and Reasoning in Metamodelling Enabled Ontologies --
Towards Encoding Background Knowledge with Temporal Extent into
Neural Networks -- A Fuzzy Description Logic with Automatic Object
Membership Measurement -- Decomposition-Based Optimization for
Debugging of Inconsistent OWL DL Ontologies -- A Concept Hierarchy
Based Ontology Mapping Approach -- Composing Cardinal Direction
Relations Basing on Interval Algebra -- Retrieval Result Presentation
and Evaluation -- Autonomy: Life and Being -- A Method of Social
Collaboration and Knowledge Sharing Acceleration for e-Learning
System: The Distance Learning Network Scenario -- A Comparative
Study of Target-Based Evaluation of Traditional Craft Patterns Using
Kansei Data -- Optimization of Multiple Related Negotiation through
Multi-Negotiation Network -- Reasoning Activity for Smart Homes
Using a Lattice-Based Evidential Structure -- Knowledge Modelling to
Support Inquiry Learning Tasks -- Building the Knowledge Base to
Support the Automatic Animation Generation of Chinese Traditional
Architecture -- Discovery of Relation Axioms from the Web -- An
Improved Piecewise Aggregate Approximation Based on Statistical
Features for Time Series Mining -- Incorporating Duration Information
in Activity Recognition -- A Graphical Model for Risk Analysis and
Management -- Towards Awareness Services Usage Characterization:
Clustering Sessions in a Knowledge Building Environment -- Adjusting
Class Association Rules from Global and Local Perspectives Based on
Evolutionary Computation -- Probabilistic Declarative Process Mining
-- Making Ontology-Based Knowledge and Decision Trees Interact: An
Approach to Enrich Knowledge and Increase Expert Confidence in Data-
Driven Models -- A Novel Initialization Method for Semi-supervised
Clustering -- Constructing and Mapping Fuzzy Thematic Clusters to
Higher Ranks in a Taxonomy -- Anticipation as a Strategy: A Design
Paradigm for Robotics -- Modular Logic Programming for Web Data,
Inheritance and Agents -- Automatic Collecting Technique of Low
Frequency Electromagnetic Signals and Its Application in Earthquake
Study -- Improving Search in Tag-Based Systems with Automatically
Extracted Keywords -- Towards a Framework for Trusting the
Automated Learning of Social Ontologies -- PlayPhysics: An Emotional
Games Learning Environment for Teaching Physics -- A SOM-Based
Technique for a User-Centric Content Extraction and Classification of
Web 2.0 with a Special Consideration of Security Aspects --
Modularizing Spatial Ontologies for Assisted Living Systems -- Towards
Scalable Instance Retrieval over Ontologies -- MindDigger: Feature
Identification and Opinion Association for Chinese Movie Reviews --
The Impact of Latency on Online Classification Learning with Concept
Drift -- Efficient Reasoning with RCC-3D -- Automated Ontology
Generation Using Spatial Reasoning -- Facilitating Experience Reuse:
Towards a Task-Based Approach -- Behavioural Rule Discovery from
Swarm Systems -- Knowledge Discovery Using Bayesian Network
Framework for Intelligent Telecommunication Network Management --
Combining Logic and Probabilities for Discovering Mappings between
Taxonomies -- An Ontology-Based Semantic Web Service Space
Organization and Management Model -- Genetic Algorithm-Based
Multi-objective Optimisation for QoS-Aware Web Services Composition
-- Knowledge Merging under Multiple Attributes -- Feature Selection
Based on Mutual Information and Its Application in Hyperspectral Image
Classification -- Static, Dynamic and Semantic Dimensions: Towards a
Multidisciplinary Approach of Social Networks Analysis -- Knowledge
Based Systems and Metacognition in Radar -- Maximus-AI: Using
Elman Neural Networks for Implementing a SLMR Trading Strategy -- A
Formalism for Causal Explanations with an Answer Set Programming

Translation -- Earthquake Prediction Based on Levenberg-Marquardt Algorithm Constrained Back-Propagation Neural Network Using DEMETER Data -- Affinity Propagation on Identifying Communities in Social and Biological Networks -- Semantic Decomposition of Indicators and Corresponding Measurement Units -- Engineering Knowledge for Assistive Living -- Large-Scale, Exhaustive Lattice-Based Structural Auditing of SNOMED CT.

2. Record Nr.	UNINA9910781868003321
Autore	Abramovich Sergei
Titolo	Computer-enabled mathematics [[electronic resource]] : integrating experiment and theory in teacher education / / Sergei Abramovich
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61209-031-1
Descrizione fisica	1 online resource (275 p.)
Collana	Education in a competitive and globalizing world
Disciplina	510.71
Soggetti	Mathematics teachers - Training of Mathematics - Study and teaching (Secondary) - Data processing Mathematics - Computer-assisted instruction Electronic data processing - Study and teaching (Secondary)
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 (p. [257]-258) and index.
Nota di contenuto	The multiplication table from an advanced standpoint -- Algebraic equations with parameters -- Inequalities and spreadsheet modeling -- Geometric probabilities -- Combinatorial explorations -- Historical perspectives -- Computational experiments and formal demonstration in trigonometry -- Developing models for computational problem solving -- Programming details.