

1. Record Nr.	UNINA9910483760303321
Titolo	Knowledge science, engineering and management : second international conference, KSEM 2007, Melbourne, Australia, November 28-30, 2007 : proceedings // edited by Zili Zhang, Joÿrg H Siekmann
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer, , [2007] Â©2007
ISBN	3-540-76719-3
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XVI, 669 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 4798
Classificazione	004 DAT 616f DAT 620f DAT 703f DAT 825f SS 4800
Disciplina	006.33
Soggetti	Knowledge acquisition (Expert systems) Decision making - Data processing Knowledge management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Invited Talks -- Building Relationships and Negotiating Agreements in a Network of Agents -- Knowledge Technologies for the Social Semantic Desktop -- Knowledge-Based Intelligent Engineering Systems in Defence and Security -- Auditing and Mapping the Knowledge Assets of Business Processes -- An Empirical Study -- Quotient Space Based Multi-granular Analysis -- Regular Papers -- An Ontology-Based Reasoning Framework for Reaction Mechanisms Simulation -- Identifying Dependency Between Secure Messages for Protocol Analysis -- A Diagrammatic Reasoning System for -- Fuzzy Constraint Logic Programming with Answer Set Semantics -- Prime Implicates for Approximate Reasoning -- Distributed Constraint Satisfaction for Urban Traffic Signal Control -- Convergence Analysis on Approximate Reinforcement Learning -- Combinative Reasoning with RCC5 and Cardinal Direction Relations -- A Merging-Based Approach to Handling

Inconsistency in Locally Prioritized Software Requirements -- A Dynamic Description Logic for Representation and Reasoning About Actions -- An Argumentative Reasoning Service for Deliberative Agents -- On Defense Strength of Blocking Defeaters in Admissible Sets -- Ontology-Based Inference for Causal Explanation -- Predicting Partners' Behaviors in Negotiation by Using Regression Analysis -- Enhancing Web-Based Adaptive Learning with Colored Timed Petri Net -- Proof Explanation for the Semantic Web Using Defeasible Logic -- Automatic Construction of a Lexical Attribute Knowledge Base -- Populating CRAB Ontology Using Context-Profile Based Approaches -- Learning Dependency Model for AMP-Activated Protein Kinase Regulation -- Towards a Wrapper-Driven Ontology-Based Framework for Knowledge Extraction -- A Google-Based Statistical Acquisition Model of Chinese Lexical Concepts -- Learning Concepts from Text Based on the Inner-Constructive Model -- Contextual Proximity Based Term-Weighting for Improved Web Information Retrieval -- Collection Profiling for Collection Fusion in Distributed Information Retrieval Systems -- Integration of Descriptors for Software Component Retrieval -- Framework for Text-Based Conversational User-Interface for Business Applications -- Ontology Mining for Semantic Interpretation of Information Needs -- Knowledge Flow-Based Document Recommendation for Knowledge Sharing -- Finding Similar RSS News Articles Using Correlation-Based Phrase Matching -- Automatic Data Record Detection in Web Pages -- Visualizing Trends in Knowledge Management -- Constructing an Ontology for a Research Program from a Knowledge Science Perspective -- An Ontology of Problem Frames for Guiding Problem Frame Specification -- A Speaker Based Unsupervised Speech Segmentation Algorithm Used in Conversational Speech -- Distributed Knowledge Management Based on Ontological Engineering and Multi-Agent System Towards Semantic Interoperation -- WTPMiner: Efficient Mining of Weighted Frequent Patterns Based on Graph Traversals -- Development of Enhanced Data Mining System to Approximate Empirical Formula for Ship Design -- Research on a Novel Word Co-occurrence Model and Its Application -- Cost-Time Sensitive Decision Tree with Missing Values -- Knowledge in Product and Performance Support -- What Drives Members to Continue Sharing Knowledge in a Virtual Professional Community? The Role of Knowledge Self-efficacy and Satisfaction -- MMFI_DSSW – A New Method to Incrementally Mine Maximal Frequent Itemsets in Transaction Sensitive Sliding Window -- Short Papers -- Term Consistency Checking of Ontology Model Based on Description Logics -- Design and Realization of Advertisement Promotion Based on the Content of Webpage -- Irregular Behavior Recognition Based on Two Types of Treading Tracks Under Particular Scenes -- Ontology-Based Focused Crawling of Deep Web Sources -- Pattern Recognition in Stock Data Based on a New Segmentation Algorithm -- HMM-Based Korean Named Entity Recognition for Information Extraction -- Activity Recognition Based on Hidden Markov Models -- Novel Data Management Algorithms in Peer-to-Peer Content Distribution Networks -- On-Line Monitoring and Diagnosis of Failures Using Control Charts and Fault Tree Analysis (FTA) Based on Digital Production Model -- An Improved NN-SVM Based on K Congener Nearest Neighbors Classification Algorithm -- Handling Contradictions in Default Theories -- Algorithm for Public Transit Trip with Minimal Transfer Times and Shortest Travel Time -- Typed Category Theory-Based Micro-view Emergency Knowledge Representation -- A Chinese Time Ontology -- Toward Patterns for Collaborative Knowledge Creation -- Service-Mining Based on Knowledge and Customer Databases -- A Multi-criteria Decision

Support System of Water Resource Allocation Scenarios -- Gödel, Escher, Bach and Super-expertise -- Extracting Features for Verifying WordNet -- A Hybrid Approach for Learning Markov Equivalence Classes of Bayesian Network -- A WSMO-Based Semantic Web Services Discovery Framework in Heterogeneous Ontologies Environment -- Cardinal Direction Relations in 3D Space -- Knowledge Integration on Fresh Food Management -- An Approach to Knowledge Transferring in Science-Policy Process -- Trust Analysis of Web Services Based on a Trust Ontology -- Building Bilingual Ontology from WordNet and Chinese Classified Thesaurus -- An Ontology-Based Framework for Building Adaptable Knowledge Management Systems -- Knowledge Engineering Technique for Cluster Development.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second International Conference on Knowledge Science, Engineering and Management, KSEM 2007, held in Melbourne, Australia, in November 2007. The 42 revised full papers and 28 revised short papers presented together with 5 invited talks were carefully reviewed and selected from 124 submissions. The papers provide new ideas and report state of the art research results in the broad areas of knowledge science, knowledge engineering, and knowledge management.
