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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Acquisition of 'Deep' Knowledge from Shallow Corpus Statistics -- University and Industry Partnership in NLP, Is It Worth the "Trouble"? -- Corpus-Based Term Relatedness Graphs in Tag Recommendation -- Regular Papers -- Improving Multiclass Text Classification with Error-Correcting Output Coding and Sub-class

Partitions -- Offensive Language Detection Using Multi-level Classification -- A Three-Way Decision Approach to Email Spam Filtering -- Hierarchical Approach to Emotion Recognition and Classification in Texts -- Supervised Machine Learning for Summarizing Legal Documents -- Toward a Gold Standard for Extractive Text Summarization -- MeSH Represented MEDLINE Query Results -- Argumentation-Based Reasoning with Inconsistent Knowledge Bases -- Finding a Single, All, or the Most Probable Solution to a Finite or Non-finite Interval Algebra Network -- A Dynamic Pricing Approach in E-Commerce Based on Multiple Purchase Attributes -- The IMAP Hybrid Method for Learning Gaussian Bayes Nets -- Feature Subset-Wise Mixture Model-Based Clustering via Local Search Algorithm -- Cascading Customized Naïve Bayes Couple -- Semi-supervised Probability Propagation on Instance-Attribute Graphs -- Offline Recognition of Handwritten Numeral Characters with Polynomial Neural Networks Using Topological Features -- Automatic Parameter Settings for the PROAFTN Classifier Using Hybrid Particle Swarm Optimization -- The Ant Search Algorithm: An Ant Colony Optimization Algorithm for the Optimal Searcher Path Problem with Visibility -- Automatic Discovery of Network Applications: A Hybrid Approach -- Overlap versus Imbalance -- Robustness of Classifiers to Changing Environments -- Belief Revision of Product-Based Causal Possibilistic Networks -- A Survey on Statistical Relational Learning -- Short Papers -- Exploiting Frame Information for Prepositional Phrase Semantic Role Labeling -- Phrase-Based Statistical Machine Translation for a Low-Density Language Pair -- Coordination of Subject Markers in Arabic and Typed Categorical Logic -- Word Reordering Approaches for Bangla-English Statistical Machine Translation -- Comparison of Feature Selection Methods for Sentiment Analysis -- Unsupervised Extraction of Appraisal Expressions -- Automatic Text Segmentation for Movie Subtitles -- Using Classifier Performance Visualization to Improve Collective Ranking Techniques for Biomedical Abstracts Classification -- Annotation Concept Synthesis and Enrichment Analysis -- Using Learned PSR Model for Planning under Uncertainty -- Notes on Generating Satisfiable SAT Instances Using Random Subgraph Isomorphism -- A Model for Reasoning about Interaction with Users in Dynamic, Time Critical Environments for the Application of Hospital Decision Making -- A Novel Approach for Recommending Ranked User-Generated Reviews -- A Semantic Model for Social Recommender Systems -- Winner Determination Based on Preference Elicitation Methods -- A Domain Ontology Model for Mould Design Automation -- Dynamic Reasoning for Description Logic Terminologies -- Deep Distributed News: Ontologies to the Rescue of Journalism -- Improving Bayesian Learning Using Public Knowledge -- Potential AI Strategies to Solve the Commons Game: A Position Paper -- Score Calibration for Optimal Biometric Identification -- Detection of Mine-Like Objects Using Restricted Boltzmann Machines -- Data Mining Techniques for Proactive Fault Diagnostics of Electronic Gaming Machines -- Multivariate Decision Trees Using Different Splitting Attribute Subsets for Large Datasets -- Using Non Boolean Similarity Functions for Frequent Similar Pattern Mining -- Evaluation of Rare Event Detection -- CAI-GS 2010 Graduate Student Symposium -- On Multi-robot Area Coverage -- Exploiting Rhetorical Relations in Blog Summarization -- Peer-Based Intelligent Tutoring Systems: A Corpus-Oriented Approach -- On Sketch Based Anonymization That Satisfies Differential Privacy Model -- Predicting Optimal Constraint Satisfaction Methods -- A Computer Approach for Face Aging Problems -- Automatically Expanding the Lexicon of Roget's Thesaurus -- Privacy Preserving

Publication of Longitudinal Health Data -- Reasoning about Interaction for Hospital Decision Making -- Semantic Annotation Using Ontology and Bayesian Networks -- Optimizing Advisor Network Size in a Personalized Trust-Modelling Framework for Multi-agent Systems -- An Adaptive Trust and Reputation System for Open Dynamic Environment.
