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Disciplina	006.3
Soggetti	Natural language processing (Computer science) Artificial intelligence Data mining Application software Computational linguistics Natural Language Processing (NLP) Artificial Intelligence Data Mining and Knowledge Discovery Computer and Information Systems Applications Computational Linguistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Sentiment Analysis -- A Comparison among Significance Tests and Other Feature Building Methods for Sentiment Analysis: A First Study -- BATframe: An Unsupervised Approach for Domain-sensitive Affect Detection -- Leveraging Target-oriented Information for Stance Classification -- Sentiment Polarity Classification of Figurative Language: Exploring the Role of Irony-Aware and Multifaceted Affect Features -- Sarcasm Annotation and Detection in Tweets -- Modeling the Impact of Modifiers on Emotional Statements -- CSenticNet: A Concept-Level Resource for Sentiment Analysis in Chinese Language --

Emotional Tone Detection in Arabic Tweets -- Morphology based  
Arabic Sentiment Analysis of Book Reviews -- Adaptation of Sentiment  
Analysis Techniques to Persian Language -- Verb-mediated  
Composition of Attitude Relations Comprising Reader and Writer  
Perspective -- Customer Churn Prediction using Sentiment Analysis and  
Text Classification of VOC.-Benchmarking Multimodal Sentiment  
Analysis -- Machine learning approaches for speech emotion  
recognition: Classic and novel advances -- Opinion Mining -- Mining  
Aspect-Specific Opinions from Online Reviews Using a Latent  
Embedding Structured Topic Model -- A comparative study of target-  
based and entity-based opinion extraction -- Supervised Domain  
Adaptation via Label Alignment for Opinion Expression Extraction --  
Comment relevance classification in Facebook -- Detecting  
Sockpuppets in Deceptive Opinion Spam -- Author Profiling and  
Authorship Attribution -- Reading the Author and Speaker: Towards a  
Holistic and Deep Approach on Automatic Assessment of What is in  
One's Words -- Improving Cross-Topic Authorship Attribution: The  
Role of Pre-Processing -- Author Identification using Latent Dirichlet  
Allocation -- Personality Recognition using Convolutional Neural  
Networks -- Character-Level Dialect Identification in Arabic Using Long  
Short-Term Memory -- A Text Semantic Similarity Approach for Arabic  
Paraphrase Detection -- Social Network Analysis -- Curator: Enhancing  
Micro-blogs Ranking by Exploiting User's Context -- A Multi-view  
Clustering Model for Event Detection in Twitter -- Monitoring  
Geographical Entities with Temporal Awareness in Tweets -- Just the  
Facts: Winnowing Microblogs for Newsworthy Statements using Non-  
Lexical Features -- Impact Of Content Features For Automatic Online  
Abuse Detection -- Detecting Aggressive Behavior in Discussion  
Threads Using Text Mining -- Machine Translation -- Combining  
Machine Translation Systems with Quality Estimation -- Evaluation of  
Neural Machine Translation for Highly Inflected and Small Languages --  
Towards Translating Mixed-Code Comments from Social Media --  
Multiple System Combination for PersoArabic-Latin Transliteration --  
Building a Location Dependent Dictionary for Speech Translation  
Systems -- Text Summarization -- Gold Standard Online Debates  
Summaries and First Experiments Towards Automatic Summarization of  
Online Debate Data -- Optimization in Extractive Summarization  
Processes through Automatic Classification -- Summarizing Weibo with  
Topics Compression -- Timeline Generation based on a Two-stage  
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Classification -- Efficient Semantic Search over Structured Web Data: A  
GPU Approach -- Efficient Association Rules Selection for Automatic  
Query Expansion -- Text-to-concept: a semantic indexing framework  
for Arabic News videos -- Approximating Multi-Class Text  
Classification via Automatic Generation of Training Examples --  
Practical Applications -- Generating Appealing Brand Names --  
Radiological text simplification using a general knowledge base --  
Mining Supervisor Evaluation and Peer Feedback in Performance  
Appraisals -- Automatic Detection of Uncertain Statements in the  
Financial Domain -- Automatic Question Generation from Passages.

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### Sommario/riassunto

The two-volume set LNCS 10761 + 10762 constitutes revised selected papers from the CILing 2017 conference which took place in Budapest, Hungary, in April 2017. The total of 90 papers presented in the two volumes was carefully reviewed and selected from numerous submissions. In addition, the proceedings contain 4 invited papers. The papers are organized in the following topical sections: Part I: general; morphology and text segmentation; syntax and parsing; word sense disambiguation; reference and coreference resolution; named entity

recognition; semantics and text similarity; information extraction; speech recognition; applications to linguistics and the humanities. Part II: sentiment analysis; opinion mining; author profiling and authorship attribution; social network analysis; machine translation; text summarization; information retrieval and text classification; practical applications. .

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