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Disciplina	005.52
Soggetti	Natural language processing (Computer science) Computational linguistics Data mining Application software Artificial intelligence Natural Language Processing (NLP) Computational Linguistics Data Mining and Knowledge Discovery Computer and Information Systems Applications Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Adam Kilgarriff's Legacy to Computational Linguistics and Beyond -- General Formalisms -- A Roadmap towards Machine Intelligence -- Algebraic specification for interoperability between data formats: Application on Arabic lexical data -- Persianp: a Persian Text Processing Toolbox -- Embeddings, Language Modeling, and Sequence Labeling -- Generating Bags of Words from the Sums of their Word Embeddings -- New word analogy corpus for exploring embeddings of Czech words -- Using embedding models for lexical categorization in morphologically rich languages -- A new language model based on possibility theory -- Combining Discrete and Neural Features for Sequence Labeling -- New Recurrent Neural Network Variants for Sequence Labeling -- Lexical Resources and Terminology Extraction --

Mining the Web for Collocations: IR Models of Term Associations -- A Continuum-based Model of Lexical Acquisition -- DESCRIPTION OF TURKISH PARAPHRASE CORPUS STRUCTURE AND GENERATION METHOD -- Extracting Terminological Relationships from Historical Patterns of Social Media Terms -- Adaptation of cross-lingual transfer methods for the building of medical terminology in Ukrainian -- Adaptation of a term extractor to Arabic specialised texts: first experiments and limits -- Morphology and Part-of-Speech Tagging -- Corpus Frequency and Affix Ordering in Turkish -- Pluralising Nouns in isiZulu and Related Languages -- Morphological Analysis of Urdu Verbs -- Stemming and Segmentation for Classical Tibetan -- Part of Speech Tagging for Polish: State of the Art and Future Perspectives -- Turkish PoS Tagging by Reducing Sparsity with Morpheme Tags in Small Datasets -- Part-of-Speech Tagging for Code mixed English-Telugu Social media data -- Syntax and Chunking -- Analysis of Word Order in Multiple Treebanks -- A Framework for Language Resource Construction and Syntactic Analysis: Case of Arabic -- Enhancing Neural Network based Dependency Parsing Using Morphological Information for Hindi -- Construction Grammar based Annotation Framework for parsing Tamil -- Comparative Error Analysis Of Parser Outputs On Telugu Dependency Treebank Data -- Gut, Besser, Chunker – Selecting the best models for text chunking with voting -- Named Entity Recognition -- A Deep Learning Solution to Named Entity Recognition -- Deep Learning Approach for Arabic Named Entity Recognition -- Hybrid Feature Selection Approach for Arabic Named Entity Recognition -- Named-Entity-Recognition (NER) for Tamil Language Using Margin-Infused Relaxed Algorithm (MIRA) -- Word Sense Disambiguation and Anaphora Resolution -- Word Sense Disambiguation Using Swarm Intelligence: A Bee Colony Optimization Approach -- Verb Sense Annotation For Turkish PropBank via Crowdsourcing -- Coreference Resolution for French Oral Data: Machine Learning Experiments with ANCOR -- Arabic Anaphora resolution using Markov decision process -- Arabic Pronominal Anaphora Resolution Based on New Set of Features -- Semantics, Discourse, and Dialog -- GpSense: A GPU-friendly method for common-sense subgraph matching in massively parallel architectures -- Parameters driving effectiveness of LSA on topic segmentation -- A New Russian Paraphrase Corpus. Paraphrase Identification and Classification Based on Different Prediction Models -- Constructing A Turkish Corpus for Paraphrase Identification and Semantic Similarity -- Evaluation of Semantic Relatedness Measures for Turkish Language -- Using sentence semantic similarity to improve LMF standardized Arabic dictionary quality -- Multiword Expressions (MWE) for Mizo Language: Literature Survey -- Classification of Textual Genres using Discourse Information -- Features for discourse-new referent detection in Russian -- A Karaka Dependency based Dialog Act Tagging for Telugu using Combination of LMs and HMM.

## Sommario/riassunto

The two-volume set LNCS 9623 + 9624 constitutes revised selected papers from the CICLing 2016 conference which took place in Konya, Turkey, in April 2016. The total of 89 papers presented in the two volumes was carefully reviewed and selected from 298 submissions. The book also contains 4 invited papers and a memorial paper on Adam Kilgarriff's Legacy to Computational Linguistics. The papers are organized in the following topical sections: Part I: In memoriam of Adam Kilgarriff; general formalisms; embeddings, language modeling, and sequence labeling; lexical resources and terminology extraction; morphology and part-of-speech tagging; syntax and chunking; named entity recognition; word sense disambiguation and anaphora resolution; semantics, discourse, and dialog. Part II: machine

translation and multilingualism; sentiment analysis, opinion mining, subjectivity, and social media; text classification and categorization; information extraction; and applications. .

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