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Soggetti	Compilers (Computer programs) Database management Natural language processing (Computer science) Artificial intelligence Machine theory Information storage and retrieval systems Compilers and Interpreters Database Management Natural Language Processing (NLP) Artificial Intelligence Formal Languages and Automata Theory Information Storage and Retrieval
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Formal Semantics in the Real World -- Speech Processing for Audio Indexing -- Sorting Out Dependency Parsing -- "I Know What You Feel": Analyzing the Role of Conjunctions in Automatic Sentiment Analysis -- Automatic Annotation of Direct Reported Speech in Arabic and French, According to a Semantic Map of Enunciative Modalities -- Type-Theoretical Bulgarian Grammar -- A Compact Arabic Lexical Semantics Language Resource Based on the Theory of Semantic Fields -- Automatically Extracting Personal Name Aliases from the Web -- An Efficient Statistical Approach for Automatic Organic Chemistry

Summarization -- Augmenting Word Space Models for Word Sense Discrimination Using an Automatic Thesaurus -- Plagiarism Detection Based on Singular Value Decomposition -- Networking Multiword Units -- Searching for Part of Speech Tags That Improve Parsing Models -- A POS-Based Word Prediction System for the Persian Language -- A Graph Based Method for Building Multilingual Weakly Supervised Dependency Parsers -- A Web-Based Self-training Approach for Authorship Attribution -- Parsing Discontinuous Phrase Structure with Grammatical Functions -- How Can the Term Compositionality Be Useful for Acquiring Elementary Semantic Relations? -- Training Statistical Language Models from Grammar-Generated Data: A Comparative Case-Study -- A Mixed Method Lemmatization Algorithm Using a Hierarchy of Linguistic Identities (HOLI) -- Semantic Roles in Valency Lexicon of Czech Verbs: Verbs of Communication and Exchange -- Automatic Generation of Frequent Case Forms of Query Keywords in Text Retrieval -- Definition Extraction with Balanced Random Forests -- Reviewing and Evaluating Automatic Term Recognition Techniques -- Finding Text Boundaries and Finding Topic Boundaries: Two Different Tasks? -- Tamil Question Classification Using Morpheme Features -- Analogical Translation of Medical Words in Different Languages -- Improving Chinese Pronominal Anaphora Resolution by Extensive Feature Representation and Confidence Estimation -- A Grammar Formalism for Specifying ISU-Based Dialogue Systems -- Word Sense Disambiguation of Farsi Homographs Using Thesaurus and Corpus -- Local Rephrasing Suggestions for Supporting the Work of Writers -- Interactive Multilingual Web Applications with Grammatical Framework -- Dependency Parsing by Transformation and Combination -- Using Constraints over Finite Sets of Integers for Range Concatenation Grammar Parsing -- Analyzing Argumentative Structures in Procedural Texts -- Natural Language Processing Across Time: An Empirical Investigation on Italian -- Statistical Surface Realisation of Portuguese Referring Expressions -- Classification-Based Filtering of Semantic Relatedness in Hypernymy Extraction -- Similarity of Names Across Scripts: Edit Distance Using Learned Costs of N-Grams -- Turkish Language Resources: Morphological Parser, Morphological Disambiguator and Web Corpus -- A Graph Partitioning Approach to Entity Disambiguation Using Uncertain Information -- Arabic Named Entity Recognition from Diverse Text Types -- A Noun-Predicate Bigram-Based Similarity Measure for Lexical Relations -- German Compounds in Factored Statistical Machine Translation -- A Reordering Model for Phrase-Based Machine Translation -- Interruption, Resumption and Domain Switching in In-Vehicle Dialogue -- Finite Matters.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Conference on Natural Language Processing, GoTAL 2008, Gothenburg, Sweden, August 2008. The 44 revised full papers presented together with 3 invited talks were carefully reviewed and selected from 107 submissions. The papers address all current issues in computational linguistics and monolingual and multilingual intelligent language processing - theory, methods and applications.
