

1. Record Nr.	UNICAMPANIAVAN0248708
Titolo	Applications of Mathematics and Informatics in Natural Sciences and Engineering : AMINSE 2019, Tbilisi, Georgia, September 23-26 / George Jaiani, David Natroshvili editors
Pubbl/distr/stampa	Cham, : Springer, 2020
Titolo uniforme	Applications of Mathematics and Informatics in Natural Sciences and Engineering
Descrizione fisica	viii, 280 p. : ill. ; 24 cm
Soggetti	35-XX - Partial differential equations [MSC 2020] 00B25 - Proceedings of conferences of miscellaneous specific interest [MSC 2020] 74-XX - Mechanics of deformable solids [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910767535303321
Titolo	Advances in Natural Language Processing : 4th International Conference, EsTAL 2004, Alicante, Spain, October 20-22, 2004. Proceedings // edited by José Luis Vicedo, Particio Martínez-Barco, Rafael Muñoz, Maximiliano Saiz Noeda
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	3-540-30228-X
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (XII, 496 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 3230
Disciplina	006.35
Soggetti	Artificial intelligence Logic, Symbolic and mathematical Information storage and retrieval Natural language processing (Computer science) Artificial Intelligence Mathematical Logic and Formal Languages Information Storage and Retrieval Natural Language Processing (NLP)
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Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Adaptive Selection of Base Classifiers in One-Against-All Learning for Large Multi-labeled Collections -- Automatic Acquisition of Transfer Rules from Translation Examples -- Automatic Assessment of Open Ended Questions with a Bleu-Inspired Algorithm and Shallow NLP -- Automatic Phonetic Alignment and Its Confidence Measures -- Automatic Spelling Correction in Galician -- Baseline Methods for Automatic Disambiguation of Abbreviations in Jewish Law Documents -- Bayes Decision Rules and Confidence Measures for Statistical Machine Translation -- Character Identification in Children Stories -- Comparison and Evaluation of Two Approaches of a Multilayered QA System Applied to Temporality -- The Contents and Structure of the Context Base, and Its Application -- Developing a Minimalist Parser for

Free Word Order Languages with Discontinuous Constituency -- Developing Competitive HMM PoS Taggers Using Small Training Corpora -- Exploring the Use of Target-Language Information to Train the Part-of-Speech Tagger of Machine Translation Systems -- Expressive Power and Consistency Properties of State-of-the-Art Natural Language Parsers -- An Independent Domain Dialogue System Through a Service Manager -- Information Retrieval in Digital Theses Based on Natural Language Processing Tools -- Integrating Conceptual Density with WordNet Domains and CALD Glosses for Noun Sense Disambiguation -- Intertwining Deep Syntactic Processing and Named Entity Detection -- Language Understanding Using n-multigram Models -- Multi-label Text Classification Using Multinomial Models -- A Multi-use Incremental Syntax-Semantic Interface -- Multiword Expression Translation Using Generative Dependency Grammar -- Named Entity Recognition Through Corpus Transformation and System Combination -- One Size Fits All? A Simple Technique to Perform Several NLP Tasks -- Ontology-Based Feature Transformations: A Data-Driven Approach -- On the Quality of Lexical Resources for Word Sense Disambiguation -- Reuse of Free Online MT Engines to Develop a Meta-system of Multilingual Machine Translation -- Semantic-Aided Anaphora Resolution in Large Corpora Development -- SemRol: Recognition of Semantic Roles -- Significance of Syntactic Features for Word Sense Disambiguation -- SisHiTra : A Hybrid Machine Translation System from Spanish to Catalan -- Smoothing and Word Sense Disambiguation -- Spelling Correction for Search Engine Queries -- A Statistical Study of the WPT-03 Corpus -- A Study of Chunk-Based and Keyword-Based Approaches for Generating Headlines -- Suffixal and Prefixal Morpholexical Relationships of the Spanish -- SuPor: An Environment for AS of Texts in Brazilian Portuguese -- Systemic Analysis Applied to Problem Solving: The Case of the Past Participle in French -- The Merging Problem in Distributed Information Retrieval and the 2-Step RSV Merging Algorithm -- Unsupervised Training of a Finite-State Sliding-Window Part-of-Speech Tagger -- Using Seed Words to Learn to Categorize Chinese Text -- On Word Frequency Information and Negative Evidence in Naive Bayes Text Classification.

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## Sommario/riassunto

EsTAL – Espana ~ for Natural Language Processing – continued on from the three previous conferences: FracTAL, held at the Universit’ e de Franch-Comt’ e, Besan, con (France) in December 1997, VexTAL, held at Venice International University, Ca ’ Foscari (Italy), in November 1999, and PorTAL, held at the U- versidade do Algarve, Faro (Portugal), in June 2002. The main goals of these conferences have been: (i) to bring together the international NLP community; (ii) to strengthen the position of local NLP research in the international NLP community; and (iii) to provide a forum for discussion of new research and - plications. EsTAL contributed to achieving these goals and increasing the already high international standing of these conferences, largely due to its Program Comm- tee, composed of renowned researchers in the field of natural language processing and its applications. This clearly contributed to the significant number of papers submitted (72) by researchers from (18) different countries. The scope of the conference was structured around the following main topics: (i) computational linguistics research (spoken and written language analysis and generation; pragmatics, discourse, semantics, syntax and morphology; lexical - sources; word sense disambiguation; linguistic, mathematical, and psychological models of language; knowledge acquisition and representation; corpus-based and statistical language modelling; machine translation and translation aids; computational lexicography), and (ii) monolingual and multilingual intelligent language processing and

applications (information retrieval, extraction and question - swering; automatic summarization; document categorization; natural language interfaces; dialogue systems and evaluation of systems).

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