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Nota di contenuto	RECENT ADVANCES IN NATURAL LANGUAGE PROCESSING; Editorial page; Title page; Copyright page; Table of contents; Editors' Foreword; I. MORPHOLOGY AND SYNTAX; Some Linguistic, Computational and Statistical Implications of Lexicalised Grammars; Abstract; 1. Lexicalisation; 2. Lexicalised Tree-Adjoining Grammar; 3. Statistical implications; 4. Synchronous TAGs; 5. Viewing lexicalised trees as super parts-of-speech; 6. LTAGs and explanation-based learning techniques; 6.1 Implications of LTAG representation for EBL; 7. LTAGs and Categorical Grammars; REFERENCES Case and word order in English and German Abstract; 1. Background; 2. Case and order in English; Subject affinity rules; Linear precedence rules; 3. Case and word order in German; 4. Implementation; 5. English is German; REFERENCES; An Optimised Algorithm for Data Oriented Parsing; Abstract; 1. Introduction; 2. STSGs: Definitions, terminology and properties; 3. Disambiguating an input sentence; 4. Experimental results; 5. Conclusions; REFERENCES; Parsing Repairs; Abstract; 1. Introduction; 2. Characterising self-repair; 2.1 The overt characteristics

of self-repair

2.2 The structural characteristics of self-repair3. Analysing self-repair;

3.1 Syntactic well-formedness; 3.2 Cascaded repair; 3.3 Interpreting

O#R; 3.4 Parsing self-repairs; 4. Representing self-repair; 5. An

augmented Earley algorithm for repair; 5.1 String representations; 5.2

Augmentations to the standard algorithm; 5.3 The augmented

algorithm; 5.4 Remarks; 6 Conclusion; REFERENCES; Parsing for

Targeted Errors in Controlled Languages; Abstract; 1. Introduction; 2.

Controlled language and grammar checking; 3. Robust parsing; 3.1

Positive and negative detection

3.2 Targeted and untargeted detection3.3 Single phase and multiple

phase; 3.4 Current methods; 4. Chart parsing with finite state

automata; 5. Encoding grammatical variation with finite state automata;

5.1 Deletion; 5.2 Insertion; 6. Complexity; 7. Further work; 8.

Conclusions; REFERENCES; Applicative and Combinatory Categorical

Grammar(from syntax to functional semantics); Abstract; 1. Model of

Applicative and Cognitive Grammar; 1.1 Categorical grammars; 1.2

Applicative and Combinatory Categorical Grammar; 2. Structural

reorganisation; 3. Coordination; 4. Meta-rules; 5. Examples; 6.

Conclusion

REFERENCESPARSETALK about Textual Ellipsis; Abstract; 1. Introduction;

2. Ontological engineering for ellipsis resolution; 3. Functional

centering principles; 4. Grammatical predicates for textual ellipsis; 5.

Text cohesion parsing: Ellipsis resolution; 6. Comparison with related

approaches; 7. Conclusion; REFERENCES; Improving a Robust

Morphological Analyser Using Lexical Transducers; Abstract; 1.

Introduction; 2. Lexical transducers; 3. The standard analyser; 4. The

analysis and correction of linguistic variants; 5. The analysis of

unknown words; 6. Conclusions; REFERENCES

II. SEMANTICS AND DISAMBIGUATION

Sommario/riassunto

This volume is based on contributions from the First International Conference on "Recent Advances in Natural Language Processing" (RANLP'95) held in Tzigrav Chark, Bulgaria, 14-16 September 1995. This conference was one of the most important and competitively reviewed conferences in Natural Language Processing (NLP) for 1995 with submissions from more than 30 countries. Of the 48 papers presented at RANLP'95, the best (revised) papers have been selected for this book, in the hope that they reflect the most significant and promising trends (and latest successful results) in NLP. The book is organ
