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| Edizione                | [Second edition.]  |
| Descrizione fisica      | 1 online resource (704 p.)   |
| Collana                 | Chapman & Hall/CRC machine learning & pattern recognition series   |
| Altri autori (Persone)  | IndurkhaNitin<br>DamerauFrederick J <1931-> (Frederick Jacob)  |
| Disciplina              | 006.3/5  |
| Soggetti                | Natural language processing (Computer science)   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Front cover; Contents; List of Figures; List of Tables; Editors; Board of Reviewers; Contributors; Preface; Part I: Classical Approaches; Chapter 1. Classical Approaches to Natural Language Processing; Chapter 2. Text Preprocessing; Chapter 3. Lexical Analysis; Chapter 4. Syntactic Parsing; Chapter 5. Semantic Analysis; Chapter 6. Natural Language Generation; Part II: Empirical and Statistical Approaches; Chapter 7. Corpus Creation; Chapter 8. Treebank Annotation; Chapter 9. Fundamental Statistical Techniques; Chapter 10. Part-of-Speech Tagging; Chapter 11. Statistical Parsing<br>Chapter 12. Multiword ExpressionsChapter 13. Normalized Web Distance and Word Similarity; Chapter 14. Word Sense Disambiguation; Chapter 15. An Overview of Modern Speech Recognition; Chapter 16. Alignment; Chapter 17. Statistical Machine Translation; Part III: Applications; Chapter 18. Chinese Machine Translation; Chapter 19. Information Retrieval; Chapter 20. Question Answering; Chapter 21. Information Extraction; Chapter 22. Report Generation; Chapter 23. Emerging Applications of Natural Language Generation in Information Visualization, Education, and Health Care<br>Chapter 24. Ontology ConstructionChapter 25. BioNLP: Biomedical Text |

Mining; Chapter 26. Sentiment Analysis and Subjectivity; Index; Back cover

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Sommario/riassunto

Provides a comprehensive, modern reference of practical tools and techniques for implementing natural language processing in computer systems. This title covers classical methods, empirical and statistical techniques, and various applications. It describes how the techniques can be applied to European and Asian languages as well as English.

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