1. Record Nr. UNINA9910966036503321 Autore Mani Inderjeet Titolo Automatic summarization / / Inderjeet Mani Amsterdam; ; Philadelphia, : J. Benjamins Pub. Co., c2001 Pubbl/distr/stampa **ISBN** 9786612163302 9781282163300 1282163302 9789027299109 9027299102 9789027249869 9027249865 Edizione [1st ed.] Descrizione fisica xviii, 233 p Collana Natural language processing:: 3 Disciplina 025.4/028 Soggetti Automatic abstracting Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Automatic Summarization -- Editorial page -- Title page -- LCC data -- Table of ontents -- Preface -- Chapter 1. Preliminaries -- Chapter 2. Professional summarizing -- Chapter 3. Extraction -- Chapter 4. Revision -- Chapter 5. Discourse-level information -- Chapter 6. Abstraction -- Chapter 7. Multi-document summarization -- Chapter 8. Multimedia summarization -- Chapter 9. Evaluation -- Chapter 10. Postscript -- References -- Index. Sommario/riassunto With the explosion in the quantity of on-line text and multimedia information in recent years, there has been a renewed interest in automatic summarization. This book provides a systematic introduction to the field, explaining basic definitions, the strategies used by human summarizers, and automatic methods that leverage linguistic and statistical knowledge to produce extracts and abstracts. Drawing from a wealth of research in artificial intelligence, natural language processing, and information retrieval, the book also includes detailed assessments of evaluation methods and new topics such as multidocument and multimedia summarization. Previous automatic

summarization books have been either collections of specialized

papers, or else authored books with only a chapter or two devoted to the field as a whole. This is the first textbook on the subject, developed based on teaching materials used in two one-semester courses. To further help the student reader, the book includes detailed case studies, accompanied by end-of-chapter reviews and an extensive glossary. Audience: students and researchers, as well as information technology managers, librarians, and anyone else interested in the subject.