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Database management
Computer logic
Mathematical logic
Information storage and retrieval
Application software
Natural Language Processing (NLP)
Database Management
Logics and Meanings of Programs
Mathematical Logic and Formal Languages
Information Storage and Retrieval
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Nota di bibliografia   Includes bibliographical references at the end of each chapters and index.

Nota di contenuto   Linguistic Aspects of Modelling -- An Ontology-Based Framework for Generating and Improving Database Design -- A Web Information Extraction System to DB Prototyping -- Automatic Help for Building and Maintaining Ontologies -- Information Retrieval -- Semi-automatic Content Extraction from Specifications -- Integrating Retrieval Functionality inWeb Sites Based on Storyboard Design andWord Fields -- Vulcain — An Ontology-Based Information Extraction System --

Natural Language Text Understanding -- Automatic Identification of European Languages -- A Method for Maintaining Document Consistency Based on Similarity Contents -- Evaluation and Construction of Training Corpuses for Text Classification: A Preliminary Study -- Knowledge Bases -- Replicating Quantified Noun Phrases in Database Semantics -- Ontological Extraction of Content for Text Querying -- Ontology-Based Data Cleaning -- Recognition of Information in Natural Language Descriptions -- Retrieving NASA Problem Reports with Natural Language -- Access to Multimedia Information through Multisource and Multilanguage Information Extraction -- On Semantic Classification of Modifiers -- Natural Language Conversational Systems -- Evaluating a Spelling Support in a Search Engine -- Opening Statistical Translation Engines to Terminological Resources -- Short Papers -- User-Centred Ontology Learning for Knowledge Management -- A Multilevel Text Processing Model of Newsgroup Dynamics -- Best Feature Selection for Maximum Entropy-Based Word Sense Disambiguation_ -- Linguistics in Large-Scale Web Search -- Similarity Model and Term Association for Document Categorization -- Omnibase: Uniform Access to Heterogeneous Data for Question Answering -- Automated Question Answering Using Question Templates That Cover the Conceptual Model of the Database.

Sommario/riassunto	The workshop on Applications of Natural Language to Information Systems (NLDB) hassince1995providedaforumforacademicandindustrialresearchers and practitioners to discuss the application of natural language to both the development and use of software applications. Theuseofnaturallanguageinrelationtosoftwarehascontributedtoimpr- ing the development of software from the viewpoints of both the developers and the users. Developers bene?t from improvements in conceptual modeling, so- ware validation, natural language program speci?cations, and many other areas. Users bene?t from increased usability of applications through natural language query interfaces, semantic webs, text summarizations, etc. The integration of natural language and information systems has been a - search objective for a long time now. Today, the goal of good integration seems not so far-fetched. This is due mainly to the rapid progress of research in natural language and to the development of new and powerful technologies. The in- gration of natural language and information systems has become a convergent point towards which many researchers from several research areas are focussing.