

1. Record Nr.	UNINA9910144917203321
Titolo	Information extraction : a multidisciplinary approach to an emerging information technology : international summer school, SCIE'97, Frascati, Italia, July 14-18, 1997 // Maria Teresa Pazienza (editor)
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer, , [1997] Â©1997
ISBN	3-540-69548-6
Edizione	[1st ed. 1997.]
Descrizione fisica	1 online resource (X, 222 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1299
Disciplina	410.285
Soggetti	Computational linguistics Information storage and retrieval systems Natural language processing (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Information extraction as a core language technology -- Information extraction: Techniques and challenges -- Concepticons vs. lexicons: An architecture for multilingual information extraction -- Lexical acquisition and information extraction -- Technical terminology for domain specification and content characterisation -- Short query linguistic expansion techniques: Palliating one-word queries by providing intermediate structure to text -- Information retrieval: Still butting heads with natural language processing? -- Semantic matching: Formal ontological distinctions for information organization, extraction, and integration -- Machine learning for information extraction -- Modeling and querying semi-structured data.
Sommario/riassunto	Information extraction (IE) is a new technology enabling relevant content to be extracted from textual information available electronically. IE essentially builds on natural language processing and computational linguistics, but it is also closely related to the well established area of information retrieval and involves learning. In concert with other promising and emerging information engineering technologies like data mining, intelligent data analysis, and text summarization, IE will play a crucial role for scientists and

professionals as well as other end-users who have to deal with vast amounts of information, for example from the Internet. As the first book solely devoted to IE, it is of relevance to anybody interested in new and emerging trends in information processing technology.
