

1. Record Nr.	UNINA9910922747503321
Autore	McLafferty, Fred W.
Titolo	Interpretation of mass spectra / F. W. McLafferty
Pubbl/distr/stampa	Reading (Massachussets) [etc.], : W. A. Benjamin, Inc., c1973
ISBN	080537058 08537059 (pb)
Edizione	[2. ed. rev. enl. res]
Descrizione fisica	XIX, 279 p. : ill. ; 24 cm
Disciplina	547
Locazione	FAGBC
Collocazione	A CHI 972
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910974241003321
Autore	Androutsopoulos Ion
Titolo	Exploring time, tense, and aspect in natural language database interfaces / / Ion Androutsopoulos
Pubbl/distr/stampa	Amsterdam ; Philadelphia, : J. Benjamins Pub., c2002
ISBN	9786612161933 9781282161931 1282161938 9789027297471 9027297479
Edizione	[1st ed.]
Descrizione fisica	1 online resource (317 p.)
Collana	Natural language processing ; ; v. 6
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Soggetti	Grammar, Comparative and general - Temporal constructions - Data processing Grammar, Comparative and general - Verb - Data processing Computational linguistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. [283]-291) and index.
Nota di contenuto	Exploring Time, Tense and Aspect in Natural Language Database Interfaces -- Editorial page -- Title page -- LCC data -- Table of contents -- Chapter 1: Introduction -- Chapter 2: Linguistic data and an informal account -- Chapter 3: The TOP meaning representation language -- Chapter 4: From English to TOP -- Chapter 5: From TOP to TSQL2 -- Chapter 6: The prototype NLITDB -- Chapter 7: Related work and directions for further research -- References -- Index -- Appendix A: TOP to TSQL2 translation rules -- Natural Language Processing.
Sommario/riassunto	Advances in temporal databases make it increasingly easier to store time-dependent information, creating a need for facilities that will help end-users access this information. In the context of natural language interaction, significant effort has been devoted to interfaces that allow database queries to be formulated in natural language. Most of the existing interfaces, however, do not support adequately the notion of time. Drawing upon tense and aspect theories, temporal logics, and temporal databases, this cross-discipline book examines relevant

issues from the three areas, developing a unified theoretical framework that can be used to build natural language interfaces to temporal databases. The framework features an HPSG mapping from English to a formally defined meaning representation language, and a corresponding mapping to a temporal extension of the SQL database language. The book is accompanied by a freely available prototype interface, built according to the framework, and implemented using Prolog and ALE. This is the first in-depth exploration of the notion of time in natural language database interfaces. It will be particularly interesting to researchers working on natural language interaction, tense and aspect, HPSG, temporal logics, and temporal databases, especially those who wish to learn about time-related issues in other disciplines.
