1. **Record Nr.** UNINA9910130779003321

   Titolo Montana High-Potassium Igneous Province

   Pubbl/distr/stampa [Place of publication not identified], : American Geophysical Union, 1989

   ISBN 1-118-66724-7

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

   Note generali Bibliographic Level Mode of Issuance: Monograph

2. **Record Nr.** UNISA996465570003316

   Autore Lang Ewald

   Titolo Modelling Spatial Knowledge on a Linguistic Basis [[electronic resource]] : Theory - Prototype - Integration / / by Ewald Lang, Kai-Uwe Carstensen, Geoffrey Simmons

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1991

   ISBN 3-540-47051-4

   Edizione [1st ed. 1991.]

   Descrizione fisica 1 online resource (IX, 140 p.)

   Collana Lecture Notes in Artificial Intelligence ; ; 481

   Disciplina 410/.285

   Soggetti Artificial intelligence
   Artificial Intelligence

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

   Note generali Bibliographic Level Mode of Issuance: Monograph

   Nota di contenuto A linguistic approach to spatial knowledge -- The implementation of OSKAR -- The integration of OSKAR into the LILOG system.

   Sommario/riassunto On the basis of a semantic analysis of dimension terms, this book develops a theory about knowledge of spatial objects, which is significant for cognitive linguistics and artificial intelligence. This new approach to knowledge structure evolves in a three-step process: - adoption of the linguistic theory with its elements, principles and

representational levels, - implementation of the latter in a Prolog prototype, and - integration of the prototype into a large natural language understanding system. The study documents interdisciplinary research at work: the model of spatial knowledge is the fruit of the cooperative efforts of linguists, computational linguists, and knowledge engineers, undertaken in that logical and chronological order. The book offers a two-level approach to semantic interpretation and proves that it works by means of a precise computer implementation, which in turn is applied to support a task-independent knowledge representation system. Each of these stages is described in detail, and the links are made explicit, thus retracing the evolution from theory to practice.