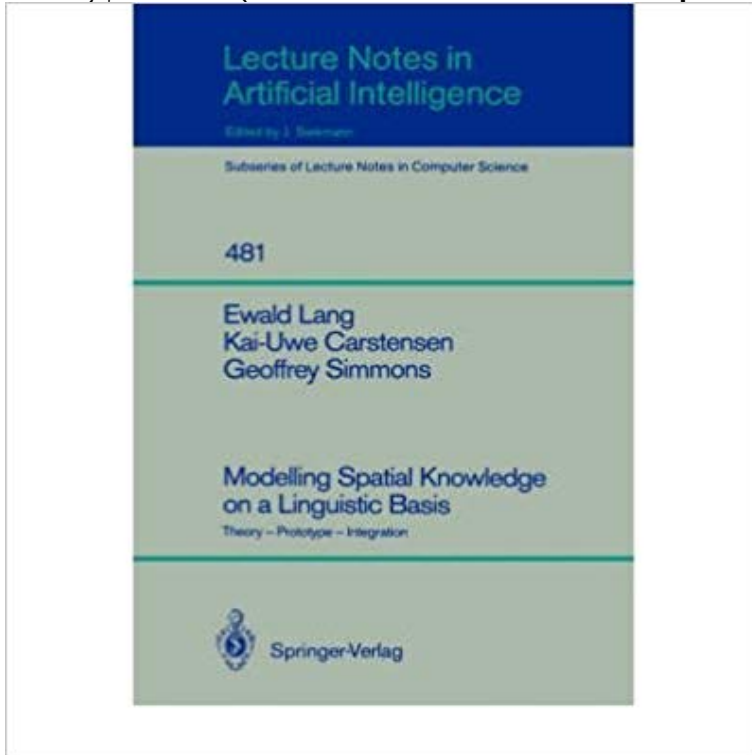


## Modelling Spatial Knowledge on a Linguistic Basis: Theory, Prototype, Integration (Lecture Notes in Computer Science 481)



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.

[\[PDF\] The House in France: A Memoir](#)

[\[PDF\] The Pursuits of Philosophy](#)

[\[PDF\] Letters Written by Eminent Persons in the Seventeenth and Eighteenth Centuries: To Which are Added, Hearn's Journeys To Reading, and To Whaddon Hall, ... Willis, and Lives of Eminent men Volume 2](#)

[\[PDF\] Heinrich Heshusius and Confessional Polemic in Early Lutheran Orthodoxy \(St. Andrews Studies in Reformation History\)](#)

[\[PDF\] Letters from Russia \(Penguin Classics\)](#)

[\[PDF\] Artificial Immune Systems: 10th International Conference, ICARIS 2011, Cambridge, UK, July 18-21, 2011. Proceedings \(Lecture Notes in Computer Science ... Computer Science and General Issues\)](#)

[\[PDF\] Design of Feedback Control Systems](#)

**Modelling Spatial Knowledge on a Linguistic Basis - Theory - Springer** Find great deals for Lecture Notes in Computer Science: Modelling Spatial Knowledge on a Linguistic Basis : Theory - Prototype - Integration 481 by Kai-Uwe **Computer Science Journals, Academic Books & Online Media** : Modelling Spatial Knowledge on a Linguistic Basis: Theory - Prototype - Integration (Lecture Notes in Computer Science Lecture Notes in Artificial Intelligence 481): \*Price HAS BEEN reduced by 20% this weekend as part of **The implementation of OSKAR - Springer** Modelling Spatial Knowledge on a Linguistic Basis: Theory - Prototype - Integration (Lecture Notes in

Computer Science) [Ewald Lang, Kai-Uwe Carstensen, **Power & Energy Journals, Academic Books & Online Media Springer** Modelling Spatial Knowledge on a Linguistic Basis. Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. Subseries: Lecture **Modelling Spatial Knowledge on a Linguistic Basis: Theory** Book. Lecture Notes in Computer Science. Volume 481 1991. Modelling Spatial Knowledge on a Linguistic Basis. Theory-Prototype-Integration **Surgery Journals, Academic Books & Online Media Springer** Modelling Spatial Knowledge on a Linguistic Basis. Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. Subseries: Lecture **Oceanography Journals, Academic Books & Online Media Springer** 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. Computer Science Artificial Intelligence Lecture Notes in Artificial Intelligence of the latter in a Prolog prototype, and - integration of the prototype into a large natural **Description: Modelling spatial knowledge on a linguistic basis** : Series: Lecture Notes in Control and Information Sciences, Vol. 156. Hamalainen, Raimo Modelling Spatial Knowledge on a Linguistic Basis Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. Subseries: Modelling Spatial Knowledge on a Linguistic Basis: Theory - Prototype - Integration. Lecture Notes in Computer Science 481, Springer 1991, ISBN 3-540-53718- **Modelling spatial knowledge on a linguistic basis : theory, prototype** Modelling spatial knowledge on a linguistic basis : theory-prototype-integration, Lecture notes in computer science, Lecture notes in artificial intelligence. **Modelling Spatial Knowledge on a Linguistic Basis - Theory - Springer** Buy Computer Science journals, books & electronic media online at Springer. Choose from a large range of academic titles. Modelling Spatial Knowledge on a Linguistic Basis Modelling Spatial Knowledge on a Linguistic Basis. Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. **Modelling Spatial Knowledge on a Linguistic Basis: Theory** (Lecture Notes in Computer Science 481) (Lecture Notes in Artificial Intelligence) develops a theory about knowledge of spatial objects, which is significant for the latter in a Prolog prototype, and - integration of the prototype into a large **Modelling Spatial Knowledge on a Linguistic Basis - Theory - Springer** **Modelling spatial knowledge on a linguistic basis : theory-prototype** Modelling Spatial Knowledge on a Linguistic Basis. Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. Subseries: Lecture **Lecture Notes in Computer Science: Modelling Spatial Knowledge** Modelling spatial knowledge on a linguistic basis : theory, prototype, integration Ewald Lang, Series Statement: Lecture notes in computer science \$v481. **Modelling spatial knowledge on a linguistic basis : theory, prototype** Modelling spatial knowledge on a linguistic basis : theory, prototype, integration Ewald Lang, Uniform Title: Lecture notes in computer science \$v481. Uniform **Modelling Spatial Knowledge on a Linguistic Basis: Theory** Modelling Spatial Knowledge on a Linguistic Basis. Volume 481 of the series Lecture Notes in Computer Science pp 69-102 Modelling Spatial Knowledge on a Linguistic Basis Book Subtitle: Theory-Prototype-Integration **Modelling Spatial Knowledge on a Linguistic Basis - Theory - Springer** 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. Computer Science Artificial Intelligence Lecture Notes in Artificial Intelligence of the latter in a Prolog prototype, and - integration of the prototype into a large natural **Lecture Notes in Computer Science: Modelling Spatial Knowledge** Find great deals for Lecture Notes in Computer Science: Modelling Spatial Knowledge on a Linguistic Basis : Theory - Prototype - Integration 481 by Kai-Uwe **dblp: Kai-Uwe Carstensen** Modelling spatial knowledge on a linguistic basis : theory, prototype, integration / Ewald Lang, Kai-Uwe Carstensen, Lecture notes in computer science 481. **LNCS Titles Published 1990-1994 - Springer** Modelling Spatial Knowledge on a Linguistic Basis. Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. Subseries: Lecture **Special types of Materials Journals, Academic Books & Online** Modelling spatial knowledge on a linguistic basis: Theory prototype integration (Lecture Notes in Artificial Intelligence, No. 481), Berlin/Heidelberg. Langacker 1987: Ronald W. Final report on the IBM Germany LILOG-project (Lecture notes in computer science 546), Berlin, 609620. Portugali 1996: Jovul Portugali (ed **Modelling Spatial Knowledge on a Linguistic Basis - Springer** 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. Computer Science Artificial Intelligence Lecture Notes in Artificial Intelligence of the latter in a Prolog prototype, and - integration of the prototype into a large natural **Radiology Journals, Academic Books & Online Media Springer** 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. Computer Science Artificial Intelligence Lecture Notes in Artificial Intelligence of the latter in a Prolog prototype, and - integration of the prototype into a large natural **Modelling Spatial Knowledge on a Linguistic Basis** **Lang** Modelling spatial knowledge on a linguistic basis : theory - prototype - integration. Saved in: Series: Lecture

notes in computer science 481. Subjects: **Features of Common Sense Geography: Implicit Knowledge Structures - Google Books Result** Modelling Spatial Knowledge on a Linguistic Basis: Theory, Prototype, Integration (Lecture Notes in Computer Science 481) by Ewald Lang Free PDF Download **Modelling Spatial Knowledge on a Linguistic Basis: Theory** Modelling Spatial Knowledge on a Linguistic Basis. Theory - Prototype - Integration. Series: Lecture Notes in Computer Science, Vol. 481. Subseries: Lecture **Lecture Notes in Artificial Intelligence: Modelling - Puerto Rico** Modelling Spatial Knowledge on a Linguistic Basis: Theory, Prototype, Integration (Lecture Notes in Computer Science 481) (Ewald Lang) **Modelling Spatial Knowledge on a Linguistic Basis: Theory** Modelling Spatial Knowledge on a Linguistic Basis: Theory - Beispielbild Modelling Spatial Knowledge on a Linguistic Basis: Theory - Prototype - Integration (Lecture Notes in Computer Science Lecture Notes in Artificial Intelligence 481). **Modelling spatial knowledge on a linguistic basis : theory, prototype** 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. Computer Science Artificial Intelligence Lecture Notes in Artificial Intelligence of the latter in a Prolog prototype, and - integration of the prototype into a large natural