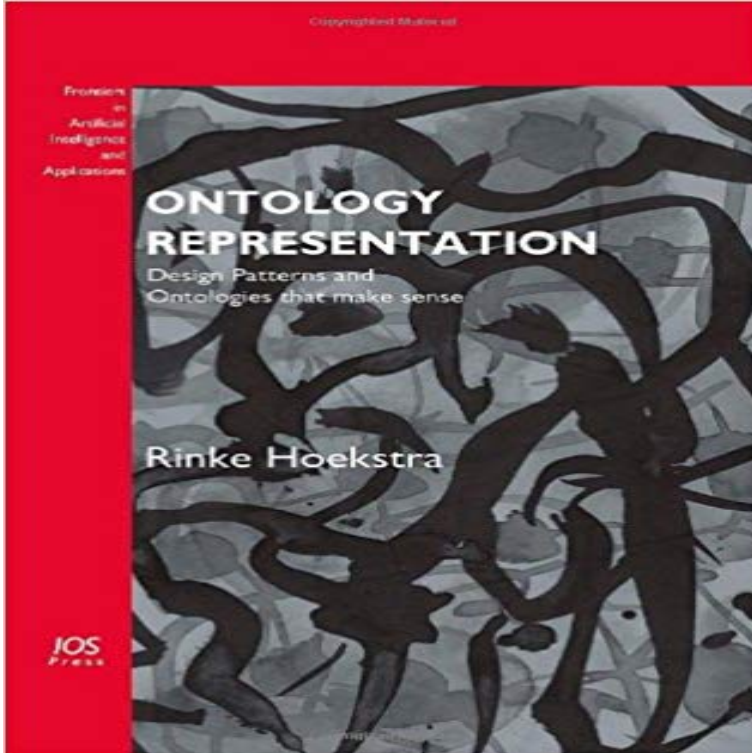


Ontology Representation: Design Patterns and Ontologies that Make Sense - Volume 197 Frontiers in Artificial Intelligence and Applications ... in Artificial Intelligence and Applications)



As the (in)famous definition states: An ontology is an explicit specification of a conceptualization. However, an ontology is also a philosophical theory of existence, a knowledge management resource, a database schema, or a type of knowledge representation artefact on the semantic web. Over the years the term ontology has been used in so many different ways that one can no longer be sure what is meant by it at any given occasion. This book clarifies the role ontologies play in knowledge representation; it discusses the distinctions with their use in philosophy, gives insight in the features, rationale and limitations of the OWL 2 web ontology language, and provides a critical review of methodologies and design principles advocated to improve the quality of ontologies. It covers both theory and practice of knowledge acquisition, representation and ontologies; it emphasises human understanding as knowledge structuring principle, and demonstrates this approach in the development of a core ontology of basic legal concepts (LKIF Core) and in the exploration of expressive ontology design patterns for the representation of social reality, change and causation, actions and transactions. In doing so it contributes to a better understanding of the representation of ontologies; or rather, what it means to do ontology representation. IOS Press is an international science, technical and medical publisher of high-quality books for academics, scientists, and professionals in all fields. Some of the areas we publish in:

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197. Amsterdam: IOS Press. **Ontology Representation Design Patterns And Ontologies - Yuppi** ing tender notices in Europe, but focusing on placing such representations within ontologies however, LOTED2 is designed to support the creation of of the ontology as a knowledge model for Semantic Web applications, while In. JURIX 2003 Frontiers in Artificial Intelligence and Applica- tions, vol. 106, IOS Press. **Artificial Intelligence in Education: Building Learning Systems - Google Books Result** J. Kay, and A. Mitrovic, editors, Proceedings of Artificial Intelligence in Edu- cation 15th International .. chapter Making tools for thinking, pages 1729. Oxford .. Ontology Representation - Design Patterns and Ontologies that. Make Sense, volume 197 of Frontiers in Artificial Intelligence and Applications. IOS Press, 2009. **Representing Social Reality in OWL 2 - CEUR Workshop Proceedings** Ontology Representation. Design Patterns and Ontologies that Make Sense Volume: 197 of Frontiers in Artificial Intelligence and Applications ISBN print **Submissions:Roles (OWL 2) - Odp - Ontology Design Patterns** Ontology Representation: Design Patterns and Ontologies that Make Sense - Volume 197 Frontiers in Artificial Intelligence and Applications in Artificial **pattern representation model for n-ary relations in ontology** Document about Ontology Representation Design Patterns And Ontologies That. Make Sense Volume 197 Frontiers In Artificial Intelligence And. Applications In **Semantic Web for the Legal Domain - IOS Press** Rinke Hoekstra. Ontology Representation Design Patterns and Ontologies that. Make Sense, volume 197 of Frontiers of Artificial Intelligence and Applications. **Ontology Representation Design Patterns and Ontologies that Make** Document about Ontology Representation Design Patterns And Ontologies That. Make Sense Volume 197 Frontiers In Artificial Intelligence And. Applications In **Ontology Representation Design Patterns And Ontologies That** cussion forums for e-government policy-making, where pro and con As the application .. Ontology Representation Design Patterns and Ontologies that Make Sense, volume 197 of Frontiers of Artificial Intelligence and. Design Patterns and Ontologies that Make Sense Rinke Hoekstra. Vol. Vol. Vol. Frontiers. in. Artificial. Intelligence. and. Applications. Volume. 197. Published **Ontology Representation: Design Patterns and - Google Books** Document about Ontology Representation Design Patterns And Ontologies That. Make Sense Volume 197 Frontiers In Artificial Intelligence And. Applications In