

Dynamic Knowledge Representation in Scientific Domains

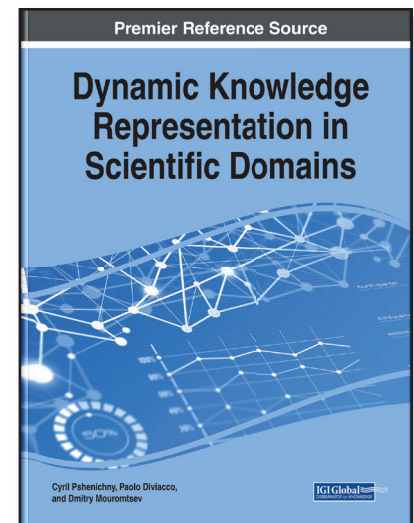
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Description:

The main approach to understanding and creating knowledge engineering concepts is static knowledge. Currently, there is a need to approach knowledge through a dynamic lens and address changing relations on an elaborated syntactic and semantic basis.

Dynamic Knowledge Representation in Scientific Domains provides emerging research on the internal and external changes in knowledge within various subject areas and their visual representations. While highlighting topics such as behavior diagrams, distribution analysis, and qualitative modeling, this publication explores the structural development and assessment of knowledge models. This book is an important resource for academicians, researchers, students, and practitioners seeking current research on information visualization in order to foster research and collaboration.



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Topics Covered:

- Behavior Diagrams
- Collaborative Research
- Decisions Support
- Distribution Analysis
- Event Bushes
- Graph Visualization
- Petri Nets
- Qualitative Bayesian Reasoning
- Qualitative Modeling

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