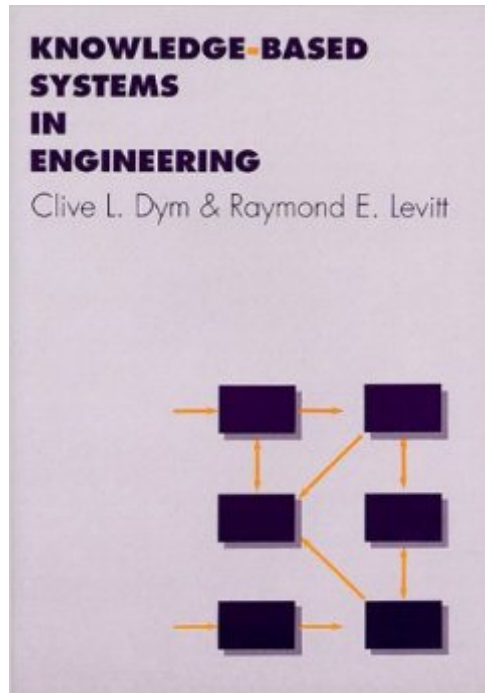


The book was found

# Knowledge-Based Systems In Engineering



## Synopsis

This book integrates the fundamentals of artificial intelligence (AI) approaches to knowledge representation with engineering examples. Its unified treatment makes it an essential tool in this emerging new field. Combining an informed approach to AI with engineering problem solving, this book is suitable for an introductory course on AI/expert systems which is specifically offered to engineers. The text provides an in-depth appreciation of the AI fundamentals underlying knowledge-based systems and covers rule-based, frame-based, and object-oriented representation with many engineering illustrations. Special Features include: discussions of emerging techniques, such as the methodology for integrating AI with CAD; implementation issues including knowledge acquisition, software and hardware issues, the system-building process, validation and testing of expert systems, and some sociological and legal aspects.

## Book Information

Hardcover: 416 pages

Publisher: McGraw-Hill College (January 1, 1991)

Language: English

ISBN-10: 0070185638

ISBN-13: 978-0070185630

Product Dimensions: 1 x 7 x 9.8 inches

Shipping Weight: 1.6 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,366,640 in Books (See Top 100 in Books) #197 in Books > Computers & Technology > Computer Science > AI & Machine Learning > Expert Systems #1282 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design #1659 in Books > Computers & Technology > Graphics & Design > CAD

[Download to continue reading...](#)

Knowledge-Based Systems in Engineering Medical Device Technologies: A Systems Based Overview Using Engineering Standards (Academic Press Series in Biomedical Engineering) Lean for Systems Engineering with Lean Enablers for Systems Engineering Agile Systems with Reusable Patterns of Business Knowledge: A Component-Based Approach (Artech House Computing Library) Energy Audit of Building Systems: An Engineering Approach, Second Edition (Mechanical and Aerospace Engineering Series) Signals and Systems for Bioengineers, Second Edition: A MATLAB-Based Introduction (Biomedical Engineering) Engineering Satellite-Based Navigation and

Timing: Global Navigation Satellite Systems, Signals, and Receivers Orthopaedic Knowledge Update: Foot and Ankle 4 (Orthopedic Knowledge Update) Integrated Theory & Knowledge Development in Nursing, 8e (Chinn, Integrated Theory and Knowledge Development in Nursing) The New Edge in Knowledge: How Knowledge Management Is Changing the Way We Do Business The Knowledge Manager's Handbook: A Step-by-Step Guide to Embedding Effective Knowledge Management in your Organization Compensation Management in a Knowledge-Based World (10th Edition) Fuzzy C-Means Clustering for Clinical Knowledge Discovery in Databases: Optimizing FCM using Genetic Algorithm for use by Medical Experts in Diagnostic Systems and Data Integration with SchemaSQL Knowledge Systems through PROLOG: An Introduction Introduction to Knowledge Systems Principles of Database and Knowledge-Base Systems Vol. 2: The New Technologies Engineering Fundamentals: An Introduction to Engineering Civil Engineering and the Science of Structures (Engineering in Action) Building the Golden Gate Bridge: An Interactive Engineering Adventure (You Choose: Engineering Marvels) Building the Empire State Building: An Interactive Engineering Adventure (You Choose: Engineering Marvels)

[Dmca](#)