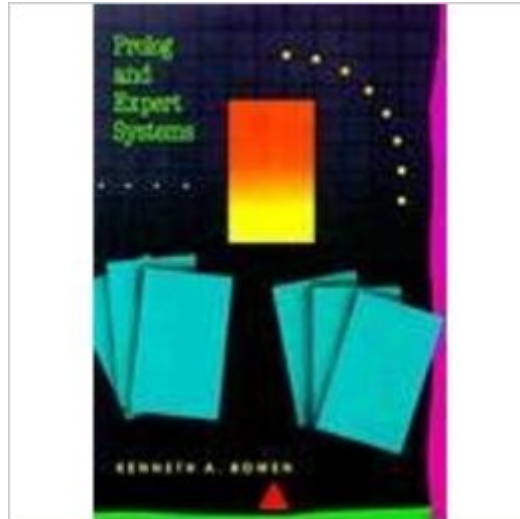# Prolog & Expert Systems Programming

## Synopsis

Designed for undergraduate courses on Expert Systems, PROLOG or introductory Artificial Intelligence, this informally-styled text assumes no background in PROLOG or Logic Programming, but combines an introduction to PROLOG with a mastery of its application to expert systems programming. Special features include: a clear ground tutorial introduction to PROLOG which goes beyond specific techniques and small programs to treat large, difficult Artificial Intelligence problems; a detailed discussion of how to program expert systems in PROLOG rather than a top-level, idea-oriented historical survey of what systems have already been built; four chapters on metalevel programming techniques; stress on the use of a pure subset of PROLOG coupled with logical analysis of the problem being solved; diagrams throughout the text to aid in the understanding of computational processes; and a large number of exercises, ranging from specific small programming problems to open-ended suggestions stimulate student creativity.

## Book Information

Paperback: 448 pages

Publisher: Mcgraw-Hill College (February 1, 1991)

Language: English

ISBN-10: 0070067317

ISBN-13: 978-0070067318

Product Dimensions:  0.8 x 6.5 x 9.2 inches

Shipping Weight: 12.6 ounces

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,561,994 in Books (See Top 100 in Books)   #31 inÂ Books > Computers & Technology > Programming > Languages & Tools > Prolog   #285 inÂ Books > Computers & Technology > Computer Science > AI & Machine Learning > Expert Systems   #23561 inÂ Books > Computers & Technology > Software

Prolog Programming Success in a Day: Beginners Guide to Fast, Easy and Efficient Learning of Prolog Programming Prolog Programming Success in a Day: Beginner's Guide to Fast, Easy, and Efficient Learning of Prolog Programming Prolog & Expert Systems Programming Prolog Programming for Students: With Expert Systems and Artificial Intelligence Topics IEC 61131-3: Programming Industrial Automation Systems: Concepts and Programming Languages, Requirements for Programming Systems, Decision-Making Aids Prolog: Reproductive

Endocrinology and Infertility / Critique Book / Assessment Book (ACOG, PROLOG) The Art of Prolog: Advanced Programming Techniques (Mit Press Series in Logic Programming) The Art of Prolog, Second Edition: Advanced Programming Techniques (Logic Programming) Prolog ++: The Power of Object-Oriented and Logic Programming (International Series in Logic Programming) The Art of Prolog: Programming Examples - Macintosh (Logic Programming) The Art of Prolog: Programming Examples - PC (Logic Programming) Java: The Simple Guide to Learn Java Programming In No Time (Programming,Database, Java for dummies, coding books, java programming) (HTML,Javascript,Programming,Developers,Coding,CSS,PHP) (Volume 2) PHP Programming Professional Made Easy 2nd Edition: Expert PHP Programming Language Success in a Day for Any Computer User! Python Programming Guide + SQL Guide - Learn to be an EXPERT in a DAY!: Box Set Guide (Python, C++, PHP, Swift, Os, Programming Guide) Knowledge Systems through PROLOG: An Introduction Practical Linux Programming: Device Drivers, Embedded systems, and the Internet (with CD- ROM) (Programming Series) Prolog Programming for Artificial Intelligence Logic, Programming and Prolog Prolog Programming in Depth Prolog Programming Success In A Day