Prolog: A Logical Approach, A. Dodd, Oxford University Press, Incorporated, 1990, 0198538219, 9780198538219, 556 pages. Procedural programming languages, such as FORTRAN, Pascal, and C, expect the programmer to build a representation of the solution to a problem using a model of the execution process of a computer. The goal of logic programming is to provide a higher level formalism, in which the solution is represented using a formal representation that was in use before computers were invented: human reasoning. The present volume starts with an explanation of how logic may be used as a programming language, and then explains the practical limitations that at present restrict logic programmers to the use of the subset of logic embodied in the Prolog programming language. Enhancements to Prolog that compensate for the weakness of its underlying logic, but compromise the purity of the language are then introduced. Most Prolog systems add to the logical core of the language a bewildering variety of extra features for procedural tasks such as input/output. The second part of the book presents some of the most common features, including facilities that are common to all Prologs. There is also an account of more abstruse topics such as garbage collection. The third part of the volume is concerned with programming style. Its principal aim is to show that despite the illogicalities in Prolog, a number of design criteria are available that conform to the principles of logic programming. Efficiency of programs is also considered at length. An approach to debugging Prolog programs is discussed and there is an extended example showing how an application is developed.

DOWNLOAD  http://bit.ly/1lNbaD0


Prolog for programmers , Feliks Kluźniak, Stanisław Szpakowicz, Janusz Stępień, 1985, Computers, 400 pages. An introduction to PROLOG; PROLOG and logic; Metamorphosis grammars: a powerful extension; Simple programming techniques; Summary of syntax and built-in procedures; Principles....

Implementations of distributed Prolog , Péter Kacsuk, Michael J. Wise, Aug 11, 1992, Computers, 469 pages. Leading international contributors present papers pertaining to current approaches in the design and implementation of distributed logic languages that are a generation beyond....


Micro-PROLOG programming in logic, Keith L. Clark, 1984, Computers, 401 pages. Basic concepts; Facts and queries; Rules; Lists; Logic programming using micro-Prolog; Complex conditions in queries and rules; List processing; Introduction to parsing; Some....

COMMON LISP The Language, Guy L. Steele, 1990, Computers, 1029 pages. The defacto standard - a must-have for all LISP programmers. In this greatly expanded edition of the defacto standard, you'll learn about the nearly 200 changes already made....
Knowledge Systems Through Prolog An Introduction, Steven H. Kim, 1991, Computer software, 341 pages. With increasing frequency, PROLOG is the language of choice for many applications in artificial intelligence. This popularity of PROLOG, coupled with the importance of ....


At Last We Know the Meaning of Life
Medieval Marriage Sermons : Mass Communication in a Culture without Print: Mass Communication in a Culture without Print: Mass Communication in a Culture without Print
AB-LV Rdr Tg Poltcl Parties Unt Sts Ss07
In the Pursuit of Miracles: The Discovery of the Secret of the Sacred Power of Resurrection
Comments by FAUSA on Recommendations of the National Inquiry Into Education and Training