Prolog Programming for Artificial Intelligence

Prolog Programming for Artificial Intelligence

Prof Ivan Bratko

Prolog Programming for Artificial Intelligence Prof Ivan Bratko

PROLOG Programming for Artificial Intelligence The fourth edition of this best-selling guide to Prolog and Artificial Intelligence has been updated to include key developments in the field while retaining its lucid approach to these topics. New and extended topics include Constraint Logic Programming, abductive reasoning and partial order planning. Divided into two parts, the first part of the book introduces the programming language Prolog, ... Full description

⬇ **Télécharger** Prolog Programming for Artificial Intelligence ...pdf

▤ **Lire en ligne** Prolog Programming for Artificial Intelligence ...pdf

Téléchargez et lisez en ligne Prolog Programming for Artificial Intelligence Prof Ivan Bratko

696 pages
Présentation de l'éditeur
The fourth edition of this best-selling guide to Prolog and Artificial Intelligence has been updated to include key developments in the field while retaining its lucid approach to these topics. New and extended topics include Constraint Logic Programming, *abductive* reasoning and partial order planning.Divided into two parts, the first part of the book introduces the programming language Prolog, while the second part teaches Artificial Intelligence using Prolog as a tool for the implementation of AI techniques.

This textbook is meant to teach Prolog as a practical programming tool and so it concentrates on the art of using the basic mechanisms of Prolog to solve interesting problems. The fourth edition has been fully revised and extended to provide an even greater range of applications, making it a self-contained guide to Prolog, AI or AI Programming for students and professional programmers. Quatrième de couverture
The fourth edition of this best-selling guide to Prolog and Artificial Intelligence has been updated to include key developments in the field while retaining its lucid approach to these topics. Divided into two parts, the first part of the book introduces the programming language Prolog, while the second part teaches Artificial Intelligence using Prolog as a tool for the implementation of AI techniques.

Prolog has its roots in logic; however the main aim of this book is to teach Prolog as a practical programming tool. This text therefore concentrates on the art of using the basic mechanisms of Prolog to solve interesting problems. The fourth edition has been fully revised and extended to provide an even greater range of applications, which further enhance its value as a self-contained guide to Prolog, AI or AI Programming for students and professional programmers alike.

Features:
· Combined approach to Prolog and AI allows flexibility for learning and teaching
· Provides a thorough representation of AI, emphasizing practical techniques and Prolog implementations
· Prolog programs in the book are available for download from the book's companion website at **www.pearsoned.co.uk/bratko**. Lecturers visiting the website have access to PowerPoint slides.**New for this edition**: · Coverage of constraint logic programming (CLP) is extended and now introduced earlier in the book, in the Prolog part · Most of the existing chapters on AI techniques have been systematically improved and updated · Coverage of planning methods is deepened in a new chapter that includes implementations of partial order planning and the GRAPHPLAN approach · The treatment of search methods now includes an RTA* program (real-time A* search) · The chapter on meta-programming (now chapter 25) is extended by the addition of sections on abductivereasoning, query-the-user interpreter, and a sketch of CLP interpreter, all implemented as Prolog meta-interpreters · Programming examples are refreshed throughout the book, making them more interesting and practical. One such example introduces semantic reasoning with the well-known lexical database WordNet®

Author:
Professor Ivan Bratko leads the AI Lab in the Faculty of Computer and Information Science at the University of Ljubljana. He has taught Prolog worldwide, as well as applied Prolog in medical expert systems, robot programming, qualitative modelling and computer chess research. Biographie de l'auteur
Professor Ivan Bratko leads the AI Lab in the Faculty of Computer and Information Science at Ljubljana University. He has taught Prolog world-wide as well as applying Prolog in medical expert systems, robot programming, qualitative modelling and computer chess research.
Download and Read Online Prolog Programming for Artificial Intelligence Prof Ivan Bratko #LY9OIFBKE42

Lire Prolog Programming for Artificial Intelligence par Prof Ivan Bratko pour ebook en ligneProlog Programming for Artificial Intelligence par Prof Ivan Bratko Téléchargement gratuit de PDF, livres audio, livres à lire, bons livres à lire, livres bon marché, bons livres, livres en ligne, livres en ligne, revues de livres epub, lecture de livres en ligne, livres à lire en ligne, bibliothèque en ligne, bons livres à lire, PDF Les meilleurs livres à lire, les meilleurs livres pour lire les livres Prolog Programming for Artificial Intelligence par Prof Ivan Bratko à lire en ligne.Online Prolog Programming for Artificial Intelligence par Prof Ivan Bratko ebook Téléchargement PDFProlog Programming for Artificial Intelligence par Prof Ivan Bratko DocProlog Programming for Artificial Intelligence par Prof Ivan Bratko MobipocketProlog Programming for Artificial Intelligence par Prof Ivan Bratko EPub

LY9OIFBKE42LY9OIFBKE42LY9OIFBKE42