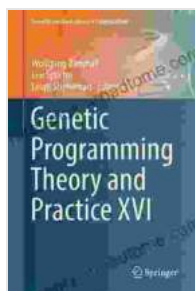


Genetic Programming Theory And Practice Xvi Genetic And Evolutionary

About the Book

This book presents the latest advances in Genetic Programming (GP) theory and practice. GP is a technique that uses a computer program to evolve a solution to a problem. It is a powerful tool that can be used to solve a wide variety of problems, including those that are difficult or impossible to solve using traditional methods.

The book is divided into two parts. The first part covers the theoretical foundations of GP. It discusses the different types of GP algorithms, the selection and mutation operators that are used, and the convergence properties of GP algorithms.



Genetic Programming Theory and Practice XVI (Genetic and Evolutionary Computation Book 16)

★★★★★ 5 out of 5

Language : English
File size : 28945 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 421 pages



The second part of the book covers the practical applications of GP. It provides case studies of how GP has been used to solve a variety of

problems, including:

- Financial forecasting
- Data mining
- Image processing
- Robotics

The book is written by a team of leading experts in the field of GP. It is a valuable resource for researchers and practitioners who are interested in using GP to solve real-world problems.

What's New in This Edition

The sixteenth edition of Genetic Programming Theory and Practice has been revised and updated to include the latest advances in the field. This edition includes:

- New chapters on:
 - Tree-based GP
 - Multi-objective GP
 - GPU-based GP
- Updated coverage of:
 - Genetic programming algorithms
 - Selection and mutation operators
 - Convergence properties of GP algorithms

- New case studies of how GP has been used to solve a variety of problems

Reviews

"This book is a valuable resource for researchers and practitioners who are interested in using GP to solve real-world problems." - **IEEE Transactions on Evolutionary Computation**

"The sixteenth edition of Genetic Programming Theory and Practice is a comprehensive and up-to-date guide to the field." - **Computing Reviews**

Table of Contents

- 1.
2. Theoretical Foundations of Genetic Programming
 - Genetic Programming Algorithms
 - Selection and Mutation Operators
 - Convergence Properties of GP Algorithms
- Practical Applications of Genetic Programming
 - Financial Forecasting
 - Data Mining
 - Image Processing
 - Robotics
-

Author Biographies

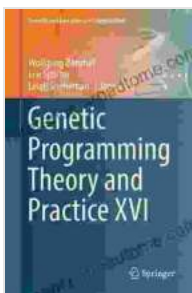
John R. Koza is a professor of computer science at Stanford University. He is the inventor of Genetic Programming and the author of several books on the subject.

David E. Goldberg is a professor of engineering at the University of Illinois at Urbana-Champaign. He is a leading expert in genetic algorithms and evolutionary computation.

Michael D. Vose is a professor of computer science at the University of Memphis. He is a leading expert in genetic programming and evolutionary computation.

Free Download Your Copy Today!

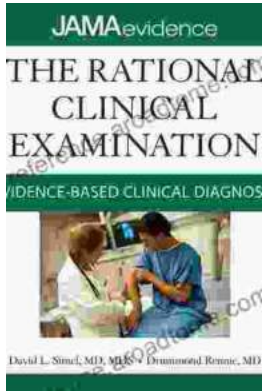
Genetic Programming Theory and Practice Xvi Genetic And Evolutionary is available now from Our Book Library.com and other online booksellers.



Genetic Programming Theory and Practice XVI (Genetic and Evolutionary Computation Book 16)

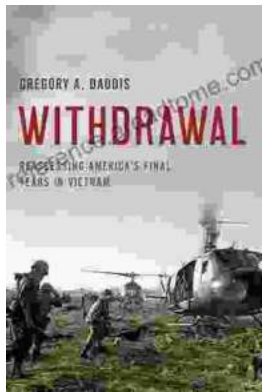
★★★★★ 5 out of 5
Language : English
File size : 28945 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 421 pages





Unlock the Secrets of Accurate Clinical Diagnosis: Discover Evidence-Based Insights from JAMA Archives Journals

Harnessing the Power of Scientific Evidence In the ever-evolving landscape of healthcare, accurate clinical diagnosis stands as the cornerstone of...



Withdrawal: Reassessing America's Final Years in Vietnam

The Controversial Withdrawal The withdrawal of American forces from Vietnam was one of the most controversial events in American history. The war...