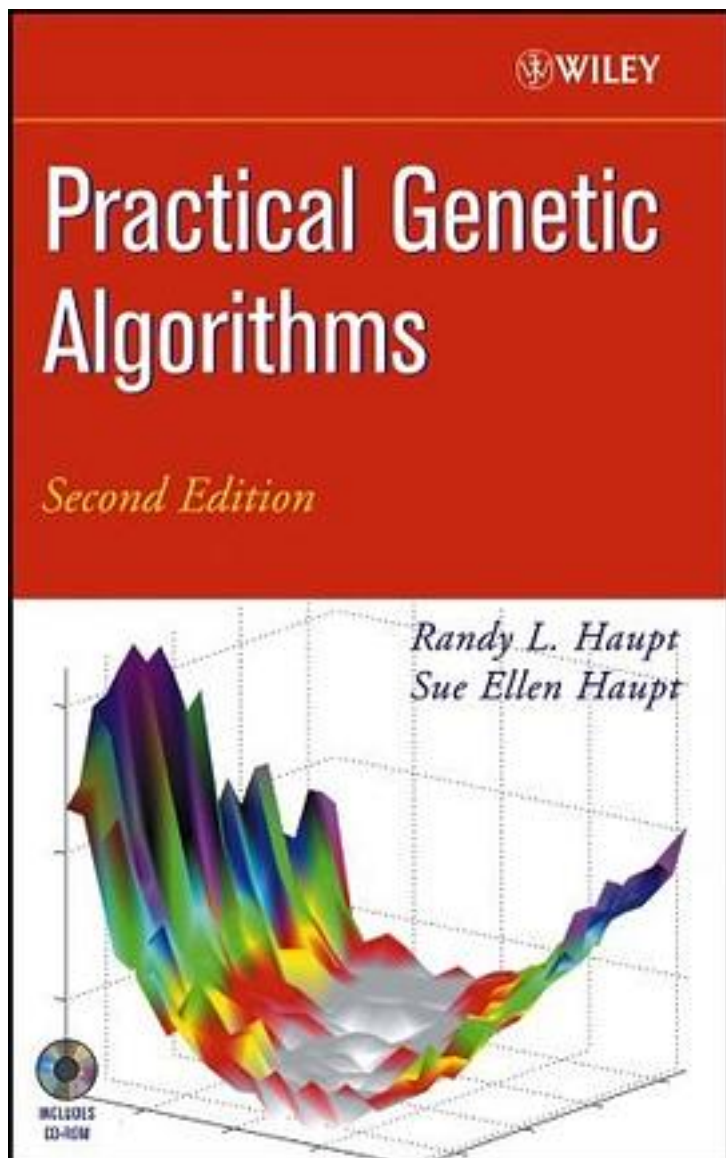# Practical Genetic Algorithms

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著者:Randy L. Haupt

出版者:Wiley-Interscience

出版时间:1997

装帧:

isbn:9780471188735

A tutorial on genetic algorithms with an emphasis on practical applications

The rapidly expanding field of genetic algorithms has given rise to many new applications in a variety of disciplines. However, most of the existing books on the subject concentrate on theory. Practical Genetic Algorithms is the first introductory-level book to emphasize practical applications through the use of example problems.

In an accessible style, the authors explain why the genetic algorithm is superior in many real-world applications, cover continuous parameter genetic algorithms, and provide in-depth trade-off analysis of genetic algorithm parameter selection. Written for the end user in engineering, science, and computer programming, as well as upper-level undergraduate and graduate students, Practical Genetic Algorithms:

* Provides numerous practical example problems

* Contains over 80 illustrations

* Features many figures and tables

* Includes three appendices: a glossary of terms, a list of genetic algorithm routines in pseudocode, and a list of symbols used in the book.

作者介绍:

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