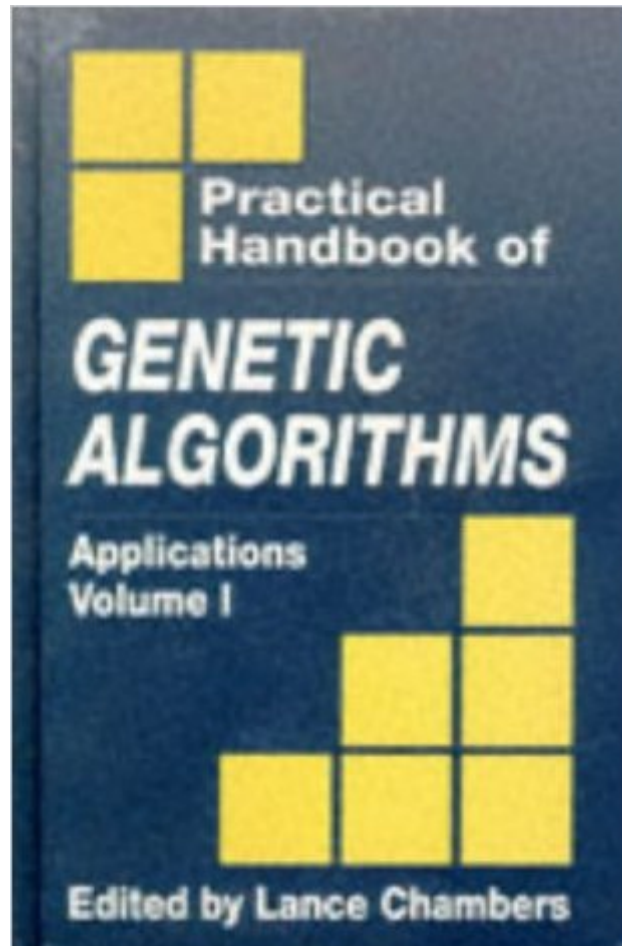# Practical Handbook Of Genetic Algorithms Applications Volume I

# Synopsis

The mathematics employed by genetic algorithms (GAs)are among the most exciting discoveries of the last few decades. From the construction of a simple GA through to advanced implementation, the Practical Handbook of Genetic Algorithms stands as a vital source of compiled knowledge from respected experts around the world.But Volume I of this handbook does more than just describe GAs. Almost two hundred figures and numerous tables show how they should look and how they work. It offers extensive code lists in a number of languages-C++, Modl, QuickBasic, C, LISP, and many more. Because the book contains compiled knowledge from respected international experts, you gain confidence in the efficacy of the applications and code examples. An accompanying diskette is filled with codes that are ready to cut and paste, ready-to-run applications, and detailed descriptions of how each code can be implemented.The Practical Handbook of Genetic Algorithms is an exciting introduction to the power of this approach to solving new and exciting problems faced in the real world. It presents an intriguing collection of GA applications that represent a wide area of undertakings in which genetic algorithms have proven to be of value. With the valuable software included, Volume 1 offers a comprehensive selection of hybrid methods for designing efficient and effective solutions for even the most complex problems.

# Book Information

Hardcover: 568 pages

Publisher: CRC Press; 1 edition (June 27, 1995)

Language: English

ISBN-10: 0849325196

ISBN-13: 978-0849325199

Product Dimensions:  1.5 x 6.8 x 9.8 inches

Shipping Weight: 2.2 pounds

Average Customer Review:  4.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #4,747,042 in Books (See Top 100 in Books)   #96 inÂ Books > Computers & Technology > Programming > Algorithms > Genetic   #794 inÂ Books > Textbooks > Computer Science > Algorithms   #863 inÂ Books > Science & Math > Mathematics > Number Systems

# Customer Reviews

IT WAS A NICE BOOK TO BE REVIEVED AS I WANT TO DO MY DIISERTATION ON THIS TOPIC I WOULD BR GRATEFUL TO YOU IF YOU KINDLY HELP ME IN ANY MANNER.

Practical Handbook of Genetic Algorithms Applications Volume I The Practical Handbook of Genetic Algorithms: Applications, Second Edition Practical Handbook of Genetic Algorithms: Complex Coding Systems, Volume III Evolutionary Algorithms in Theory and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms Practical Algorithms in Pediatric Hematology and Oncology: (Practical Algorithms in Pediatrics. Series Editor: Z. Hochberg) Practical Genetic Algorithms Linear Genetic Programming (Genetic and Evolutionary Computation) Evolutionary Algorithms for Solving Multi-Objective Problems (Genetic and Evolutionary Computation) Genetic Algorithms in Java Basics Robust Control Systems with Genetic Algorithms (Control Series) Genetic Algorithms: Concepts and Designs (Advanced Textbooks in Control and Signal Processing) Introduction to Genetic Algorithms Evolutionary Electronics: Automatic Design of Electronic Circuits and Systems by Genetic Algorithms (International Series on Computational Intelligence) Algorithms in C, Parts 1-5 (Bundle): Fundamentals, Data Structures, Sorting, Searching, and Graph Algorithms (3rd Edition) Applied Cryptography: Protocols, Algorithms, and Source Code in C [ APPLIED CRYPTOGRAPHY: PROTOCOLS, ALGORITHMS, AND SOURCE CODE IN C BY Schneier, Bruce ( Author ) Nov-01-1995 Combinatorial Optimization: Theory and Algorithms (Algorithms and Combinatorics) Geometric Algorithms and Combinatorial Optimization (Algorithms and Combinatorics) 2015 ASHRAE Handbook -- HVAC Applications (I-P) - (includes CD in I-P and SI editions) (Ashrae Applications Handbook Inch/Pound) The Complete Practical Handbook of Garden Bulbs: How to create a spectacular flowering garden throughout the year with bulbs, corms, tubers and rhizomes (Complete Practical Handbook) Digital Signal Processing: Principles, Algorithms and Applications (3rd Edition)