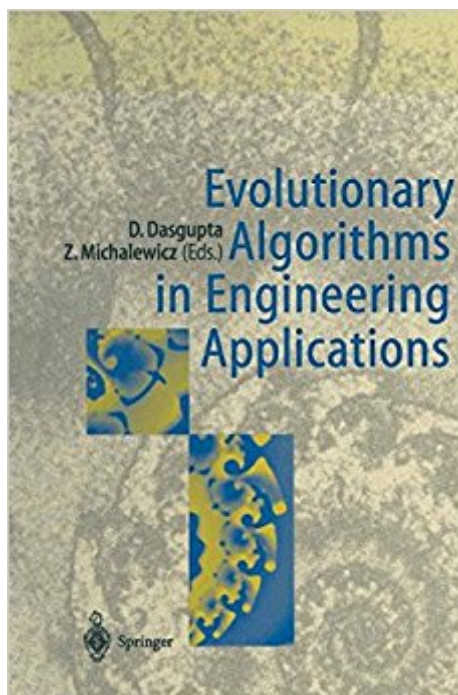


The book was found

# Evolutionary Algorithms In Engineering Applications



## Synopsis

Evolutionary algorithms are general-purpose search procedures based on the mechanisms of natural selection and population genetics. They are appealing because they are simple, easy to interface, and easy to extend. This volume is concerned with applications of evolutionary algorithms and associated strategies in engineering. It will be useful for engineers, designers, developers, and researchers in any scientific discipline interested in the applications of evolutionary algorithms. The volume consists of five parts, each with four or five chapters. The topics are chosen to emphasize application areas in different fields of engineering. Each chapter can be used for self-study or as a reference by practitioners to help them apply evolutionary algorithms to problems in their engineering domains.

## Book Information

Hardcover: 555 pages

Publisher: Springer; 1997 edition (February 28, 2001)

Language: English

ISBN-10: 3540620214

ISBN-13: 978-3540620211

Product Dimensions: 9.2 x 1.3 x 6.1 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,009,785 in Books (See Top 100 in Books) #72 in Books > Computers & Technology > Programming > Algorithms > Genetic #1525 in Books > Textbooks > Computer Science > Artificial Intelligence #2629 in Books > Computers & Technology > Graphics & Design > CAD

[Download to continue reading...](#)

Evolutionary Algorithms in Theory and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms Evolutionary Algorithms for Solving Multi-Objective Problems (Genetic and Evolutionary Computation) Evolutionary Algorithms in Engineering Applications Evolutionary Computation 1: Basic Algorithms and Operators 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 Practical Algorithms in Pediatric Hematology and Oncology: (Practical Algorithms in Pediatrics. Series Editor: Z. Hochberg) Combinatorial Optimization: Theory and Algorithms (Algorithms and Combinatorics) Geometric Algorithms and Combinatorial Optimization (Algorithms and Combinatorics) Digital Signal Processing: Principles, Algorithms and Applications (3rd Edition) Digital Signal Processing: Principles, Algorithms and Applications Data Classification: Algorithms and Applications (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) The Practical Handbook of Genetic Algorithms: Applications, Second Edition Practical Handbook of Genetic Algorithms Applications Volume I Fundamentals of Neural Networks: Architectures, Algorithms And Applications Steganography in Digital Media: Principles, Algorithms, and Applications Understanding Molecular Simulation, Second Edition: From Algorithms to Applications (Computational Science) Graph Theory: Modeling, Applications, and Algorithms Nonlinear Programming: Concepts, Algorithms, and Applications to Chemical Processes (MPS-SIAM Series on Optimization)

[Dmca](#)