

The book was found

Introduction To Genetic Algorithms For Scientists And Engineers



Synopsis

This invaluable book has been designed to be useful to most practising scientists and engineers, whatever their field and however rusty their mathematics and programming might be. The approach taken is largely practical, with algorithms being presented in full and working code (in Basic, Fortran, Pascal And C) included on a floppy disk to help the reader get up and running as quickly as possible. The text could also be used as part of an undergraduate course on search and optimisation. Student exercises are included at the end of several of the chapters, many of which are computer-based and designed to encourage exploration of the method.

Book Information

Paperback: 244 pages

Publisher: Wspc; Har/Dskt edition (January 29, 1999)

Language: English

ISBN-10: 9810236026

ISBN-13: 978-9810236021

Product Dimensions: 6.7 x 0.6 x 10.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 starsÂ Â See all reviewsÂ (5 customer reviews)

Best Sellers Rank: #3,419,476 in Books (See Top 100 in Books) #57 inÂ Books > Computers & Technology > Programming > Algorithms > Genetic #1056 inÂ Books > Science & Math > Mathematics > Pure Mathematics > Discrete Mathematics #2208 inÂ Books > Computers & Technology > Computer Science > AI & Machine Learning > Intelligence & Semantics

Customer Reviews

The best introduction to GAs for those wishing to get up and running and using such algorithms to solve real problems. The software provided seems to work well and just about anyone will understand the book. My only complaint is that the examples could have covered a better range of topics.

This is an introductory (undergraduate level) book targeted towards practitioners. The content is far from being satisfactory, even for beginners. However, if you have only a couple of hours and you want to get some information about GAs, this book is for you. If you're looking for comprehensive coverage on the topic, I'd recommend Eiben & Smith's "Introduction to Evolutionary Computing".

A fine introduction. Well written, very, very clear... And the codes are pretty easy to understand even for beginners. I would recommend it as a first course on GAs.

Well rounded and importantly, practical introduction to the subject. Gives a rapid basic understanding of the elements required, and provides all the information needed for further reading to expand knowledge in timely and appropriate places in the text.

Good

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

Introduction to Genetic Algorithms for Scientists and Engineers Physics for Scientists and Engineers, Vol. 1: Mechanics, Oscillations and Waves, Thermodynamics (Physics for Scientists & Engineers, Chapters 1-21) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) The Design of Innovation: Lessons from and for Competent Genetic Algorithms (Genetic Algorithms and Evolutionary Computation) Genetic Algorithms and Genetic Programming in Computational Finance An Introduction to Genetic Algorithms (Complex Adaptive Systems) Fortran 77: With Numerical Methods for Engineers and Scientists/Book and Disk Physics for Scientists and Engineers, Volume 2: Electricity, Magnetism, Light, and Elementary Modern Physics Exploding the Gene Myth: How Genetic Information Is Produced and Manipulated by Scientists, Physicians, Employers, Insurance Companies, Educators, and Law Enforcers Physics for Scientists and Engineers Vol. 1 Physics for Scientists and Engineers Physics for Scientists and Engineers: Extended Version Physics for Scientists and Engineers: A Strategic Approach with Modern Physics (2nd Edition) Genetic Algorithms and Engineering Design (Engineering Design and Automation) Genetic Algorithms and Simulated Annealing Neural Network Training Using Genetic Algorithms (Series in Machine Perception and Artificial Intelligence) Genetic Algorithms in Search, Optimization, and Machine Learning Fusion of Neural Networks, Fuzzy Systems and Genetic Algorithms: Industrial Applications (International Series on Computational Intelligence) The Octopus Scientists (Scientists in the Field Series) The Bat Scientists (Scientists in the Field Series)

[Dmca](#)