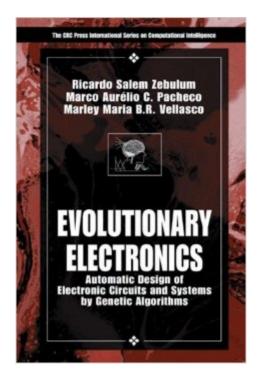
The book was found

Evolutionary Electronics: Automatic Design Of Electronic Circuits And Systems By Genetic Algorithms (International Series On Computational Intelligence)





Synopsis

From the explosion of interest, research, and applications of evolutionary computation a new field emerges-evolutionary electronics. Focused on applying evolutionary computation concepts and techniques to the domain of electronics, many researchers now see it as holding the greatest potential for overcoming the drawbacks of conventional design techniques.Evolutionary Electronics: Automatic Design of Electronic Circuits and Systems by Genetic Algorithms formally introduces and defines this area of research, presents its main challenges in electronic design, and explores emerging technologies. It describes the evolutionary computation paradigm and its primary algorithms, and explores topics of current interest, such as multi-objective optimization. The authors examine numerous evolutionary electronics applications, draw conclusions about those applications, and sketch the future of evolutionary computation and its applications in electronics. In coming years, the appearance of more and more advanced technologies will increase the complexity of optimization and synthesis problems, and evolutionary electronics is your key to discovering and unlocking the potential of this promising new field.

Book Information

Series: International Series on Computational Intelligence (Book 22) Hardcover: 304 pages Publisher: CRC Press; 1 edition (December 20, 2001) Language: English ISBN-10: 0849308658 ISBN-13: 978-0849308659 Product Dimensions: 1 x 6.5 x 9.2 inches Shipping Weight: 1.3 pounds (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #3,983,664 in Books (See Top 100 in Books) #70 in Books > Computers & Technology > Programming > Algorithms > Genetic #1293 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design #1465 in Books > Education & Teaching > Schools & Teaching > Counseling > Career Development Download to continue reading...

Evolutionary Electronics: Automatic Design of Electronic Circuits and Systems by Genetic Algorithms (International Series on Computational Intelligence) Evolutionary Algorithms in Theory

and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms Evolutionary Algorithms for Solving Multi-Objective Problems (Genetic and Evolutionary Computation) Linear Genetic Programming (Genetic and Evolutionary Computation) Mosfet Modeling for VLSI Simulation: Theory And Practice (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology) The Physics And Modeling of Mosfets (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology (Unnumbered)) Design of 3D Integrated Circuits and Systems (Devices, Circuits, and Systems) Advances in 3D Integrated Circuits and Systems (Series on Emerging Technologies in Circuits and Systems) Low-Voltage/Low-Power Integrated Circuits and Systems: Low-Voltage Mixed-Signal Circuits (IEEE Press Series on Microelectronic Systems) The Gun Digest Book of Firearms Assembly/Disassembly Part I - Automatic Pistols: Pt. 1 (Gun Digest Book of Firearms Assembly/Disassembly: Part 1 Automatic Pistols) Swift Artificial Intelligence: Made Easy, w/ Essential Programming; Learn to Create your * Problem Solving * Algorithms! TODAY! w/ Machine Learning & Data Structures (Artificial Intelligence Series) Communicating With Intelligence: Writing and Briefing in the Intelligence and National Security Communities (Security and Professional Intelligence Education Series) Electronic Circuits: The Definitive Guide to Circuit Boards, Testing Circuits and Electricity Principles Circuit Engineering: The Beginner's Guide to Electronic Circuits, Semi-Conductors, Circuit Boards, and Basic Electronics In Silico Medicinal Chemistry: Computational Methods to Support Drug Design (Theoretical and Computational Chemistry Series) Robust Control Systems with Genetic Algorithms (Control Series) Automatic Quantum Computer Programming: A Genetic Programming Approach Practical Handbook of Genetic Algorithms: Complex Coding Systems, Volume III The Garbage Collection Handbook: The Art of Automatic Memory Management (Chapman & Hall/CRC Applied Algorithms and Data Structures series) Algorithms + Data Structures = Programs (Prentice-Hall Series in Automatic Computation)

<u>Dmca</u>