

## Computer Applications and Education Series: evolutionary algorithm and its application in bioinformatics(Chinese Edition)



Paperback. Pub Date :2014-01-01 Pages: 198 Language: Chinese Publisher: National Defense Industry Press. Computer Applications and Education Series: evolutionary algorithm and its application in biological information is divided into seven chapters. Chapter 1 introduces the The main concept of species evolution and bioinformatics algorithms; Chapter 2 introduces the basic principles PS0 and OPS0 evolutionary algorithms and basic equations; Chapter 3 describes the algorithm based on the selection QPS0 operations; theoretically proved that the algorithm has global convergence sex; Chapter 4 describes the biological information in the multiple sequence alignment problem; Chapter 5 describes the optimization of metabolic networks in metabolic flux; Chapter 6 describes the fermentation medium optimization problems; based on Chapter 7 QPSO genetic diversity data clustering algorithm...

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Computer Society. **Wu Hui Xia - AbeBooks** Dr. Mengjie Zhang (For evolutionary computation related topics, hybrid of . IJCNN-13 Advances in Computational Intelligence for Applied Time Series IJCNN-14 Advanced Supervised Learning Techniques and Its Applications . The theme of the session is the application of machine learning to computer vision. The list **Time Series Prediction Based on Support Vector Machines Experts** Organized the application and made the final presentation for national first-class Young Computer Scientists and Engineers Forum (YOCSEF), China Computer Federation. 2007, Multi-agent Systems and Evolutionary Algorithms, Beijing Normal . Zhangang Han, 2000, Genetic Algorithms and their applications in **IEEE Computational Intelligence Society** Computer Applications and Education Series: evolutionary algorithm and its application in bioinformatics(Chinese Edition). LONG HAI XIA . 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IEEE Computer Society Laboratory for Comparative Genomics and Bioinformatics & Jiangsu Key of Education, Institute of Life Science, Southeast University, Nanjing, China. **Guest Editorial Foreword to the Special Issue on Intelligent** Genetic algorithm (GA) is introduced to determine the connection weight values of The computer simulation is given to show the validity of the method has the advantages of time series prediction capability because of its memory nodes, University of Technology,

Lanzhou, Gansu Province, China. zhouhongli@. **A Constrained Evolutionary Computation Method for Detecting**  
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backtracking of being suited to the testing of heuristic based constraint solving algorithms, such as College of  
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