<<Genetic and Evolutio>>

图书基本信息

书名: <<Genetic and Evolutionary Computation - GECCO 2004 遗传与寻优计算-GECCO2004/会议录 第1 部分>>

13位ISBN编号: 9783540223443

10位ISBN编号: 3540223444

出版时间:2004-11-23

出版时间:Springer

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页数:1445

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内容概要

The two volume set LNCS 3102/3103 constitutes the refereed proceedings of the Genetic and Evolutionary Computation Conference, GECCO 2004, held in Seattle, WA, USA, in June 2004. The 230 revised full papers and 104 poster papers presented were carefully reviewed and selected from 460 submissions. The papers are organized in topical sections on artificial life, adaptive behavior, agents, and ant colony optimization; artificial immune systems, biological applications; coevolution; evolutionary robotics; evolution strategies and evolutionary programming; evolvable hardware; genetic algorithms; genetic programming; learning classifier systems; real world applications; and search-based software engineering.

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书籍目录

A-Life, Adaptive Behavior, Agents, and Ant Colony Optimization **Efficient Evaluation Functions** A Particle Swarm Model of Organizational Adaptation for Multi-rover Systems Finding Maximum Cliques with Distributed Ants Ant System for the k-Cardinality Tree Problem A Hybrid Ant Colony Optimisation Technique for Dynamic Vehicle Routing Cooperative Problem Solving Using an Agent-Based Cultural Evolution for Sequential Decision Tasks: Evolving Tic-Tac-Toe Players in Multi-agent Market **Systems** Artificial Life and Natural Intelligence Bluenome: A Novel Developmental Model of Artificial Morphogenesis... Adaptively Choosing Neighbourhood Bests Using Species in a Particle Swarm Optimizer for Multimodal Function Optimization Better Spread and Convergence: Particle Swarm Multiobjective Optimization Using the Maximin Fitness Function Evolving a Self-Repairing, Self-Regulating, French Flag The Kalman Swarm (A New Approach to Particle Motion in Swarm Optimization) Organism Adaptive A New Universal Cellular Automaton Discovered and Evolvable Network Services **Grammatical Swarm** by Evolutionary Algorithms An Interactive Artificial Ant Approach to Non-photorealistic Rendering Automatic Creation of Team-Control Plans Using an Assignment Branch in Genetic Programming Implications of Epigenetic Learning Via Modification of Histones on Performance of Genetic Programming Using Clustering Techniques to Improve the Performance of a Multi-objective Particle Swarm Optimizer SWAF: Swarm Algorithm Framework for Numerical Optimization A-Life, Adaptive Behavior, Agents, and Autonomous Agent for Multi-objective Optimization An Evolved Autonomous Controller Ant Colony for Satellite Task Scheduling Multi-agent Foreign Exchange Market Modelling Via GP......Author Index

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