



Advances in Evolutionary Computing, 2 Pts.

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Book Condition: New. Publisher/Verlag: Springer, Berlin | Theory and Applications | This book provides a collection of forty articles containing new material on both theoretical aspects of Evolutionary Computing (EC), and demonstrating the usefulness/success of it for various kinds of large-scale real world problems. Around 23 articles deal with various theoretical aspects of EC and 17 articles demonstrate the success of EC methodologies. These articles are written by leading experts of the field from different countries all over the world. | I.- Smoothness, Ruggedness and Neutrality of Fitness Landscapes: from Theory to Application.- Fast Evolutionary Algorithms.- Visualizing Evolutionary Computation.- New Schemes of Biologically Inspired Evolutionary Computation.- On the Design of Problem-specific Evolutionary Algorithms.- Multiparent Recombination in Evolutionary Computing.- TCG-2: A Test-case Generator for Non-linear Parameter Optimisation Techniques.- A Real-coded Genetic Algorithm Using the Unimodal Normal Distribution Crossover.- Designing Evolutionary Algorithms for Dynamic Optimization Problems.- Multi-objective Evolutionary Algorithms: Introducing Bias Among Pareto-optimal Solutions.- Gene Expression and Scalable Genetic Search.- Solving Permutation Problems with the Ordering Messy Genetic Algorithm.- Effects of Adding Perturbations to Phenotypic Parameters in Genetic Algorithms for Searching Robust Solutions.- Evolution of Strategies for Resource Protection Problems.- A Unified Bayesian Framework for Evolutionary Learning and Optimization.- Designed Sampling with...

Reviews

Unquestionably, this is actually the very best work by any article writer. It usually does not price a lot of. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Augustine Pfannerstill

An extremely wonderful book with perfect and lucid information. This can be for all those who statte there had not been a really worth reading through. Its been written in an exceptionally easy way and it is only after i finished reading this ebook in which actually modified me, alter the way i really believe.

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