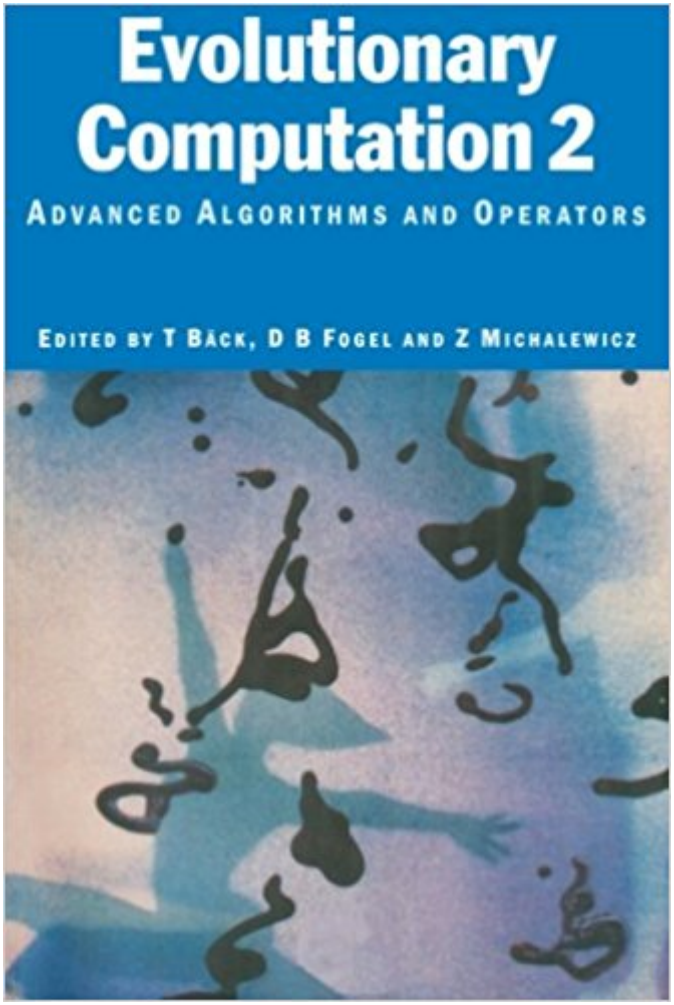
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Evolutionary Computation 2 - Advanced Algorithms And Operations



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Synopsis

Evolutionary Computation 2: Advanced Algorithms and Operators expands upon the basic ideas underlying evolutionary algorithms. The focus is on fitness evaluation, constraint-handling techniques, population structures, advanced techniques in evolutionary computation, and the implementation of evolutionary algorithms. It is intended to be used by individual researchers and students in the expanding field of evolutionary computation.

Book Information

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Customer Reviews

"This second volume provides very interesting information and updated material on additional topics. It also covers some advanced techniques and discusses the efficient implementation of evolutionary algorithms." H D Hecker in Zentralblatt Math econd volume provides very interesting information and updated material on additional topics. It also covers some advanced techniques and discusses the efficient implementation of evolutionary algorithms." H D Hecker in Zentralblatt Math

Volume I provided the general theory of evolutionary computation. This second volume on the other hand aims at introducing the reader to more practical aspects of evolutionary computation.While i found the first volume great, this second volume lacked the details that are required to provide an intuition of the working of advanced evolutionary techniques. I feel that "How to solve it" by Michalewicz and Fogel and "Genetic algorithms + data structures = evolution programs" by Michalewicz both provide this experience useful to implement evolutionary techniques, by not trying

to trade-off pages for understandability.I would not recommend this book because it tries to introduce advanced aspects that are too difficult to cover in a single chapter each. If you really want to understand the practice of evolutionary techniques, you need a good intuition of how the various operators and structures work on real problems, just reading a few pages will not do the job.

Honestly, I did not read it. I look forward to have it. I gave the book five star according my evaluation to the Volume 1 and my respect to David B. Fogel.

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