BOOK REVIEW:

EVOLUTIONARY ALGORITHMS FOR SOLVING MULTI-OBJECTIVE PROBLEMS

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The area of multi-objective optimization is receiving increasing attention by the comunity of evolutionary computation. The population approach of their paradigms results highly adecuate to find the multiple tradeoff solutions requerided to approximate the Pareto Front.

In this book the authors present a complete state-of-the art in the field. Then they give an overall vision about the diverse varieties of MOEAs (Multi-Objetive Evolutionary Algorithms) and their performance. Important aspect such as selection and validation of function tests, MOEA comparison metrics and presentations techniques are also analized. The last two chapters describe theoretical and parallelization issues of this algorithhm class.

All the chapters are self_contained and the material is presented in a natural order, from basic concepts to complex ones. The book is highly recommended for advanced undergraduate and graduate courses, and researchers interested in this topics.

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