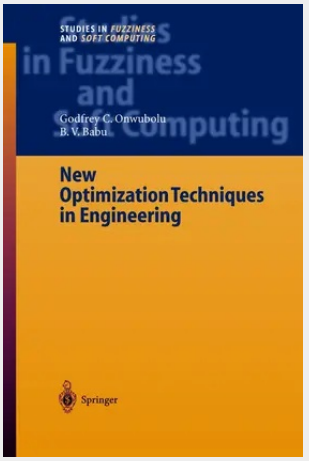
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New Optimization Techniques in Engineering

Presently, general-purpose optimization techniques such as Simulated Annealing, and Genetic Algorithms, have become standard optimization techniques. Concerted research efforts have been made recently in order to invent novel optimization techniques for solving real life problems, which have the attributes of memory update and population-based search solutions. The book describes a variety of these novel optimization techniques which in most cases outperform the standard optimization techniques in many application areas. **New Optimization Techniques in Engineering** reports applications and results of the novel optimization techniques considering a multitude of practical problems in the different engineering disciplines – presenting both the background of the subject area and the techniques for solving the problems.

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213,99 €
199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540201670
Medium: Buch
ISBN: 978-3-540-20167-0
Verlag: Springer
Erscheinungstermin: 21.01.2004
Sprache(n): Englisch
Auflage: 1. Auflage 2004
Serie: Studies in Fuzziness and Soft Computing
Produktform: Gebunden
Gewicht: 2650 g
Seiten: 712
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)