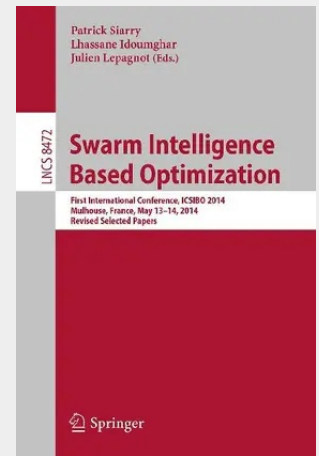


Swarm Intelligence Based Optimization

First International Conference, ICSIBO 2014, Mulhouse, France, May 13-14, 2014.
Revised Selected Papers

This book constitutes the thoroughly refereed post-conference proceedings of the 1st International Conference on Swarm Intelligence Based Optimization, ICSIBO 2014, held in Mulhouse, France, in May 2014. The 20 full papers presented were carefully reviewed and selected from 48 submissions. Topics of interest presented and discussed in the conference focuses on the theoretical progress of swarm intelligence metaheuristics and their applications in areas such as: theoretical advances of swarm intelligence metaheuristics, combinatorial, discrete, binary, constrained, multi-objective, multi-modal, dynamic, noisy, and large-scale optimization, artificial immune systems, particle swarms, ant colony, bacterial foraging, artificial bees, fireflies algorithm, hybridization of algorithms, parallel/distributed computing, machine learning, data mining, data clustering, decision making and multi-agent systems based on swarm intelligence principles, adaptation and applications of swarm intelligence principles to real world problems in various domains.

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51,36 €
48,00 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783319129693
Medium: Buch
ISBN: 978-3-319-12969-3
Verlag: Palgrave Macmillan
Erscheinungstermin: 09.12.2014
Sprache(n): Englisch
Auflage: 2014
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 3168 g
Seiten: 193
Format (B x H): 155 x 235 mm

