

Handbook of Research on Modeling, Analysis, and Application of Nature-Inspired Metaheuristic Algorithms

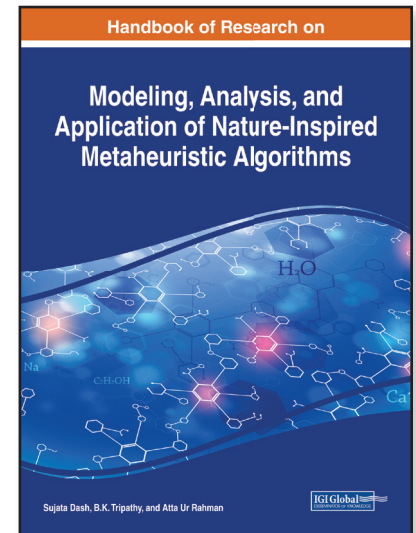
Part of the Advances in Computational Intelligence and Robotics Book Series

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Description:

The digital age is ripe with emerging advances and applications in technological innovations. Mimicking the structure of complex systems in nature can provide new ideas on how to organize mechanical and personal systems.

The **Handbook of Research on Modeling, Analysis, and Application of Nature-Inspired Metaheuristic Algorithms** is an essential scholarly resource on current algorithms that have been inspired by the natural world. Featuring coverage on diverse topics such as cellular automata, simulated annealing, genetic programming, and differential evolution, this reference publication is ideal for scientists, biological engineers, academics, students, and researchers that are interested in discovering what models from nature influence the current technology-centric world.



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Topics Covered:

- Artificial Immune Systems
- Cellular Automata
- Differential Evolution
- Evolutionary Algorithm
- Genetic Programming
- Memetic Algorithms
- Particle Swarm Optimization
- Simulated Annealing
- Support Vector Machines

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