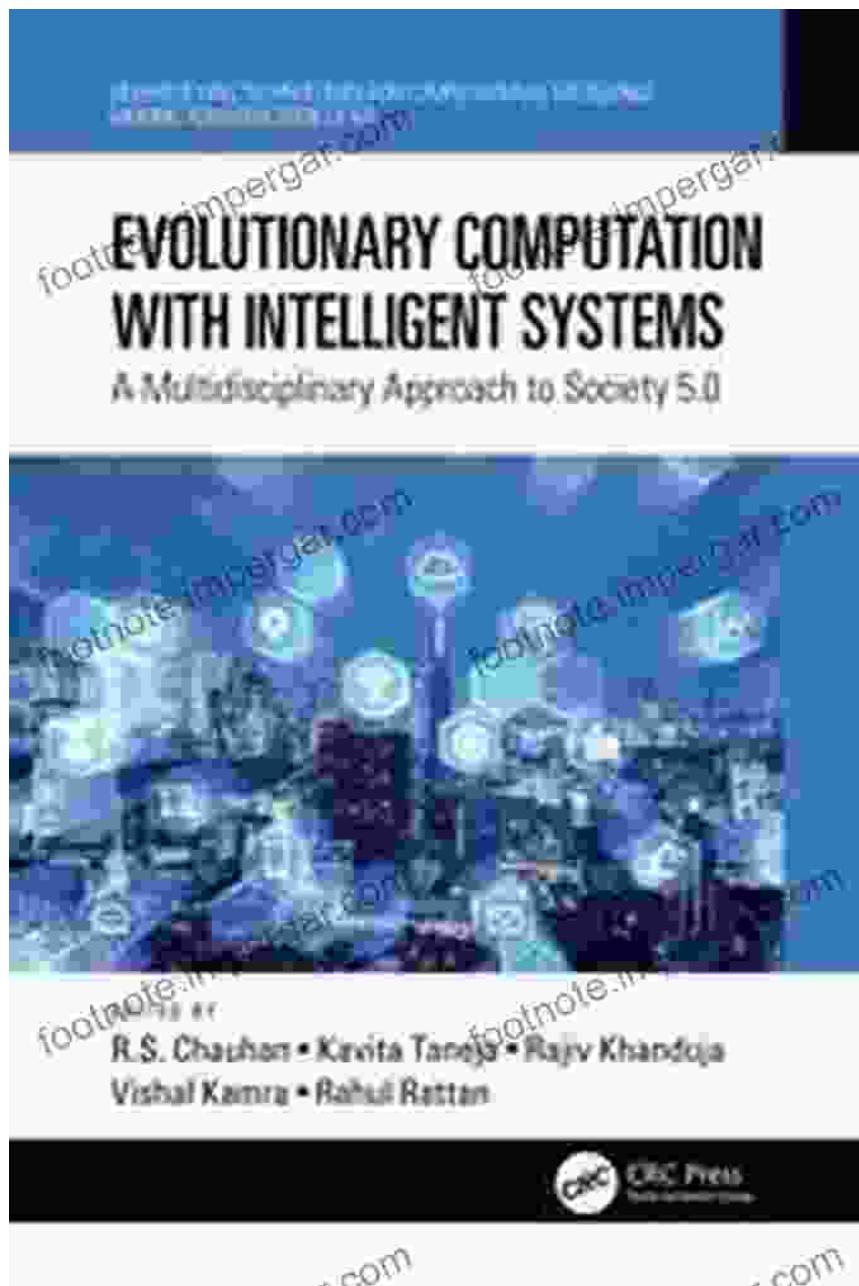


Evolutionary Computation With Intelligent Systems: A Revolutionary Guide to Solving Complex Problems

In the rapidly evolving technological landscape, the convergence of evolutionary computation and intelligent systems has emerged as a transformative force, redefining the boundaries of problem-solving and optimization. Evolutionary Computation With Intelligent Systems unveils the cutting-edge advancements in this dynamic field, empowering professionals, researchers, and students alike to harness the full potential of these powerful techniques.



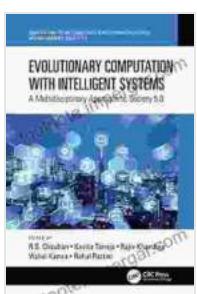
Evolutionary Computation with Intelligent Systems: A Multidisciplinary Approach to Society 5.0 (Demystifying Technologies for Computational Excellence) by Kavita Taneja

5 out of 5

Language : English

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Evolutionary computation draws inspiration from the principles of natural selection, where algorithms evolve solutions to complex problems through iterative processes of selection, mutation, and recombination. These algorithms mimic the survival of the fittest, generating successively refined solutions over multiple generations. Evolutionary Computation With Intelligent Systems provides a thorough grounding in the core concepts of evolutionary computation, including:

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- Differential evolution: Discovering optimal solutions through a probabilistic approach.

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Intelligent systems encompass a wide range of technologies that mimic human intelligence, enabling machines to perform tasks typically requiring human intervention. Evolutionary Computation With Intelligent Systems explores the integration of evolutionary computation and intelligent systems, empowering these systems with advanced problem-solving capabilities.

The book delves into the fundamentals of intelligent systems, including:

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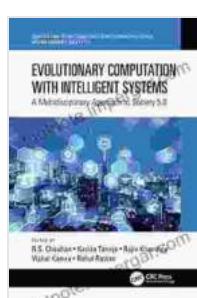
Written by a team of renowned experts in the field, Evolutionary Computation With Intelligent Systems offers an unparalleled depth of knowledge and practical guidance. The book features:

- Step-by-step tutorials: Mastering evolutionary computation and intelligent systems through hands-on examples.
- Case studies: Exploring real-world applications and showcasing the transformative impact of these techniques.
- Advanced topics: Delving into cutting-edge research and emerging trends in the field.

Evolutionary Computation With Intelligent Systems is an indispensable resource for professionals, researchers, and students seeking to unlock the full potential of evolutionary computation and intelligent systems. Whether you're navigating complex optimization problems or developing innovative solutions to real-world challenges, this book equips you with the knowledge and techniques to excel in the ever-evolving field of problem-solving and optimization.

Harness the power of evolutionary computation and intelligent systems today and unlock a world of possibilities.

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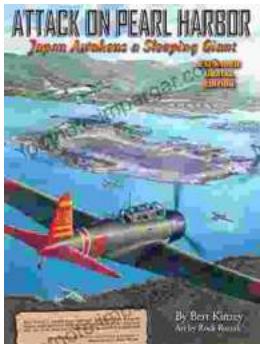
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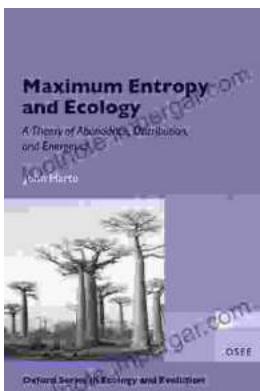
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