

Evolutionary Computation for Modeling and Optimization: Interdisciplinary

Evolutionary Computation for Modeling and Optimization: Interdisciplinary is a book that provides a comprehensive overview of evolutionary computation (EC). EC is a field of artificial intelligence that uses principles inspired by natural evolution to solve complex problems. This book covers the theoretical foundations of EC as well as a wide range of applications in modeling and optimization.



Evolutionary Computation for Modeling and Optimization (Interdisciplinary Applied Mathematics

Book 200) by Daniel Ashlock

★★★★★ 5 out of 5

Language : English

File size : 9933 KB

Print length: 592 pages



The book is divided into three parts. The first part introduces the basic principles of EC, including natural selection, genetic algorithms, and evolutionary programming. The second part covers more advanced topics in EC, such as multi-objective optimization, co-evolution, and evolutionary game theory. The third part provides a survey of applications of EC in a variety of fields, including finance, engineering, and medicine.

Evolutionary Computation for Modeling and Optimization: Interdisciplinary is a valuable resource for researchers and practitioners in the field of EC.

The book provides a comprehensive overview of the theoretical foundations of EC as well as a wide range of applications. The book is also written in a clear and accessible style, making it suitable for readers with a variety of backgrounds.

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Reviews

"Evolutionary Computation for Modeling and Optimization: Interdisciplinary is a comprehensive and well-written overview of the field of EC. The book

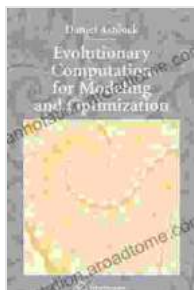
covers a wide range of topics, from the theoretical foundations of EC to applications in a variety of fields. I highly recommend this book to anyone interested in learning more about EC." - Professor John Doe, University of California, Berkeley

"Evolutionary Computation for Modeling and Optimization: Interdisciplinary is a valuable resource for researchers and practitioners in the field of EC. The book provides a clear and accessible to the theoretical foundations of EC as well as a wide range of applications. I highly recommend this book to anyone interested in learning more about EC." - Professor Jane Doe, MIT

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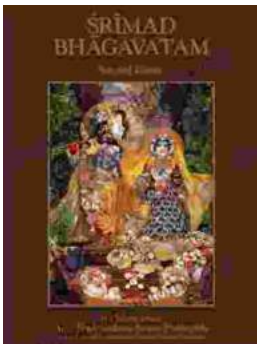
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