Introduction to Mechanism Design with Computer Applications

About the Book

This book provides a comprehensive to mechanism design, a vibrant field in economic theory that has applications to a wide range of social and economic problems. The book is written in a clear and accessible style, and it includes numerous examples and case studies to illustrate the concepts being discussed.



File size

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Introduction to Mechanism Design: with Computer Applications ★ ★ ★ ★ ★ 4.2 out of 5 Language : English



The book begins with an overview of the basic concepts of mechanism design. It then discusses a variety of different types of mechanisms, including auctions, voting systems, and matching markets. The book also covers a variety of topics in game theory, including the Nash equilibrium, the prisoner's dilemma, and the ultimatum game.

The book concludes with a discussion of the computer applications of mechanism design. The book shows how mechanism design can be used to solve a variety of real-world problems, such as the design of online

auctions, the allocation of scarce resources, and the design of voting systems.

Benefits of the Book

- Provides a comprehensive to mechanism design
- Written in a clear and accessible style
- Includes numerous examples and case studies
- Covers a variety of topics in game theory
- Discusses the computer applications of mechanism design

Target Audience

This book is intended for students of economics, computer science, and other social sciences who are interested in learning about mechanism design. The book is also suitable for practitioners who are interested in using mechanism design to solve real-world problems.

Author

The author of this book is Professor Vijay Krishna, a leading expert in the field of mechanism design. Professor Krishna is a professor of economics at the University of California, Berkeley.

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