Repeated Games: Econometric Society Monographs 55

Repeated Games: Econometric Society Monographs 55 is a comprehensive and authoritative treatise on the theory of repeated games. It provides a rigorous and in-depth analysis of the strategic interactions between players who repeatedly interact over time. The book covers a wide range of topics, including the modeling of repeated games, the analysis of equilibrium behavior, and the applications of repeated game theory to various economic and social interactions.

Repeated Games (Econometric Society Monographs Book 55) by Jean-François Mertens

★★★★★ 5 out of 5

Language	: English
File size	: 15386 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 597 pages

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Modeling Repeated Games

The book begins with an to the basic concepts of repeated games. It then discusses the various ways in which repeated games can be modeled, including the use of stage games, extensive games, and supergames. The book also provides a detailed discussion of the different types of

information that players can have about each other's payoffs and strategies.

Analysis of Equilibrium Behavior

The book then turns to the analysis of equilibrium behavior in repeated games. It discusses the different types of equilibrium concepts that can be used to analyze repeated games, including Nash equilibrium, subgame perfect equilibrium, and perfect Bayesian equilibrium. The book also provides a detailed discussion of the conditions under which these different equilibrium concepts are likely to be satisfied.

Applications of Repeated Game Theory

The final part of the book discusses the applications of repeated game theory to various economic and social interactions. The book provides a detailed discussion of the applications of repeated game theory to topics such as collusion, cooperation, and reputation. The book also provides a discussion of the limitations of repeated game theory and the challenges that remain in the field.

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References

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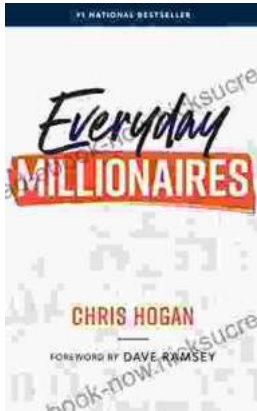### Repeated Games (Econometric Society Monographs Book 55) by Jean-François Mertens

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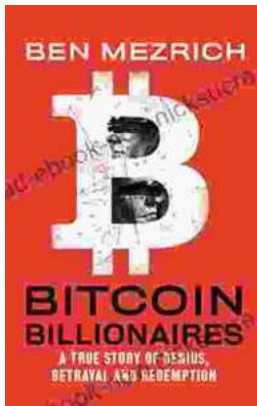|	
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