



## An Introduction to Game Theory

By Osborne, Martin J.

Oxford University Press, 2003. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface Each chapter ends with notes. 1. Introduction 1.1. What is Game Theory? 1.1.1. An Outline of the History of Game Theory 1.1.2. John von Neumann 1.2. The Theory of Rational Choice 1.3. Coming Attractions: Interacting Decision-Makers I. GAMES WITH PERFECT INFORMATION 2. Nash Equilibrium: Theory 2.1. Strategic Games 2.2. Example: The Prisoner's Dilemma 2.3. Example: Bach or Stravinsky? 2.4. Example: Matching Pennies 2.5. Example: The Stag Hunt 2.6. Nash Equilibrium 2.6.1. John F. Nash, Jr. 2.6.2. Studying Nash Equilibrium Experimentally 2.7. Examples of Nash Equilibrium 2.7.1. Experimental Evidence on the Prisoner's Dilemma 2.7.2. Focal Points 2.8. Best Response Functions 2.9. Dominated Actions 2.10. Equilibrium in a Single Population: Symmetric Games and Symmetric Equilibria 3. Nash Equilibrium: Illustrations 3.1. Cournot's Model of Oligopoly 3.2. Bertrand's Model of Oligopoly 3.2.1. Cournot, Bertrand, and Nash: Some Historical Notes 3.3. Electoral Competition 3.4. The War of Attrition 3.5. Auctions 3.5.1. Auctions from Babylonia to eBay 3.6. Accident Law 4. Mixed Strategy Equilibrium 4.1. Introduction 4.1.1. Some Evidence on Expected Payoff Functions 4.2. Strategic Games in Which Players May Randomize 4.3. Mixed Strategy Nash Equilibrium 4.4....



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