

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Management - NOC:Strategy: An Introduction to game Theory

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Co-ordinating Institute - IIT - Kanpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction Examples
- Lecture 2 - Prisonersâ Dilemma
- Lecture 3 - Best Response and Nash Equilibrium
- Lecture 4 - Another Example
- Lecture 5 - Dominant Strategies
- Lecture 6 - Stag Hunt â Coordination and Bank Runs
- Lecture 7 - Battle of Sexes and Multiple Nash Equilibria
- Lecture 8 - Tragedy of Commons
- Lecture 9 - Tragedy of Commons
- Lecture 10 - Cournot Duopoly
- Lecture 11 - Cournot Duopoly
- Lecture 12 - Mixed Strategies
- Lecture 13 - Battle of Sexes
- Lecture 14 - Battle of Sexes
- Lecture 15 - Paying Taxes
- Lecture 16 - Portfolio Management Game
- Lecture 17 - Rationality, Choice and Common Knowledge
- Lecture 18 - Iterated Elimination of Domination Strategies
- Lecture 19 - Auction
- Lecture 20 - Auction
- Lecture 21 - Traffic at Equilibrium and Braesss Paradox
- Lecture 22 - Linear Markets
- Lecture 23 - Extensive Form Games
- Lecture 24 - Game Tree and Information Sets
- Lecture 25 - Strategies in Extensive form Games
- Lecture 26 - Extensive form Games with Simultaneous Moves and Their Normal Form Representation
- Lecture 27 - Sub Game Perfect Equilibrium Part-I
- Lecture 28 - Sub Game Perfect Equilibrium Part-II
- Lecture 29 - The Art of War

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- Lecture 30 - Ultimatum Game
- Lecture 31 - Stackelberg Model
- Lecture 32 - Bayesian Games
- Lecture 33 - Bayesian Game
- Lecture 34 - Bayesian Nash Equilibrium
- Lecture 35 - Yield vs Fight
- Lecture 36 - Yield vs. Fight
- Lecture 37 - Bayesian Cournot Game
- Lecture 38 - Bayesian Games with mixed strategies
- Lecture 39 - Auctions
- Lecture 40 - Sealed Bid First Price Auction
- Lecture 41 - Expected Revenue
- Lecture 42 - Bayesian Second Price Auction
- Lecture 43 - Expected Revenue
- Lecture 44 - All Pay Auction
- Lecture 45 - A Hawk-Dove Game
- Lecture 46 - Evolutionary Biology
- Lecture 47 - Evolutionary stable Strategy (ESS)
- Lecture 48 - ESS and NE
- Lecture 49 - Repeated Games
- Lecture 50 - Finitely Repeated Game having Multiple Equilibriums
- Lecture 51 - Chain-Store Paradox
- Lecture 52 - Infinitely Repeated Game
- Lecture 53 - Non Cooperative Bargaining
- Lecture 54 - Axiomatic Bargaining
- Lecture 55 - Extensive Form Game with Incomplete Information
- Lecture 56 - Introduction to perfect Bayesian Equilibrium
- Lecture 57 - Obtaining PBE
- Lecture 58 - Gift Game