

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

NPTEL Video Course - Humanities and Social Sciences - Game Theory for Economists

Subject Co-ordinator - Dr. Debarshi Das

Co-ordinating Institute - IIT - Guwahati

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

- Lecture 1 - Definition of Game Theory and Rational Choice
- Lecture 2 - Interacting Decision Makers
- Lecture 3 - Strategic Games
- Lecture 4 - Matching Pennies, Stag Hunt and Nash Equilibrium
- Lecture 5 - Examples of Nash Equilibrium
- Lecture 6 - Altruism and Prisoner's Dilemma
- Lecture 7 - Variants Stag Hunt Game, Hawk Dove and Coordination Game
- Lecture 8 - Public Good Provision, Strict Nash Equilibrium
- Lecture 9 - Best Response Functions
- Lecture 10 - Strictly and Weakly Dominated Action
- Lecture 11 - Application of Weak Domination
- Lecture 12 - Symmetric Games and Symmetric Equilibrium
- Lecture 13 - Cournot Model of Oligopoly
- Lecture 14 - Different Aspects of Cournot Model
- Lecture 15 - Further Aspects of Cournot Model
- Lecture 16 - Cournot & Bertrand Models
- Lecture 17 - Different Aspects of Bertrand Model
- Lecture 18 - Electoral Competition 1
- Lecture 19 - Different Aspects of Hotelling Model
- Lecture 20 - Hotelling Model
- Lecture 21 - War of Attrition
- Lecture 22 - Second Price Sealed Bid Auction
- Lecture 23 - Further Aspects of Second Price Auction
- Lecture 24 - First Price Auction
- Lecture 25 - All Pay Auction, Multi Unit Auction
- Lecture 26 - Accident Laws
- Lecture 27 - Mixed Strategy Nash Equilibrium
- Lecture 28 - Mixed Strategy, Mixed Strategy Equilibrium
- Lecture 29 - Mixed Strategy Equilibrium

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- Lecture 30 - Characterisation of Mixed Strategy Equilibrium
- Lecture 31 - Dominated Actions and Iterated Elimination
- Lecture 32 - Rationalisability and Beliefs
- Lecture 33 - Extensive Games
- Lecture 34 - Strategy and Equilibrium
- Lecture 35 - Nash Equilibrium and Its Problems
- Lecture 36 - Subgame Perfect Nash Equilibrium
- Lecture 37 - Backward Induction
- Lecture 38 - Backward Induction
- Lecture 39 - Ultimatum Game
- Lecture 40 - Stackelberg Duopoly Model