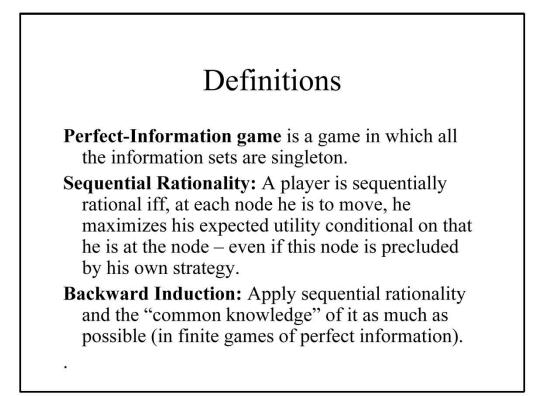
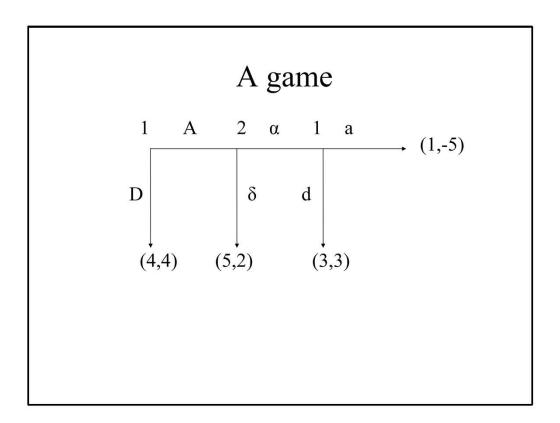
Lecture 8 Backward Induction

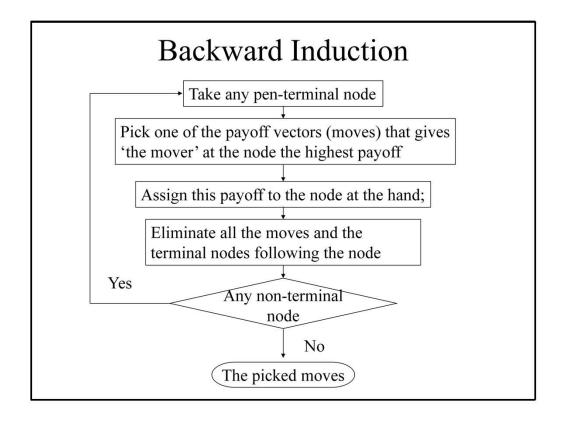
14.12 Game Theory Muhamet Yildiz

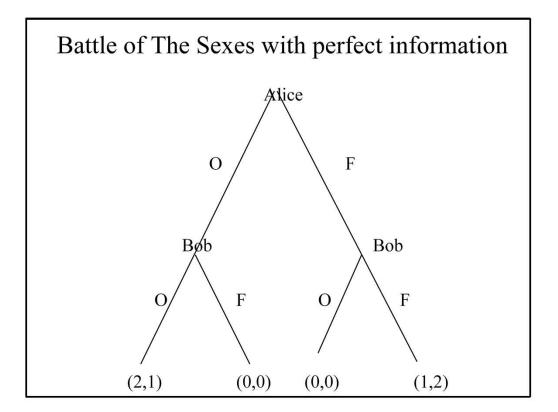
Road Map

- 1. Backward Induction
- 2. Examples
- 3. Application: Stackelberg Duopoly
- 4. [Next Application: Negotiation]



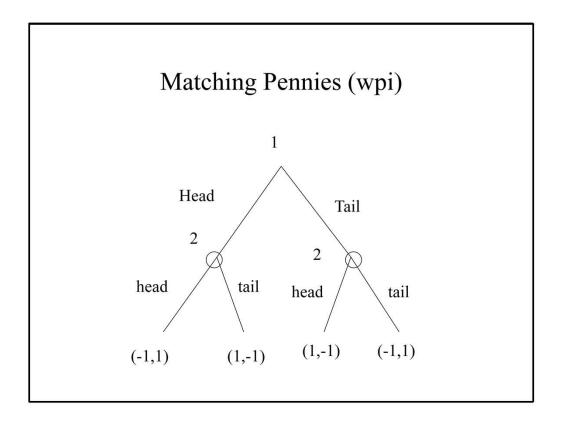


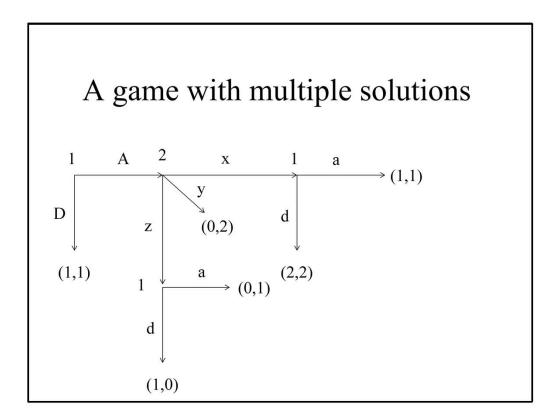


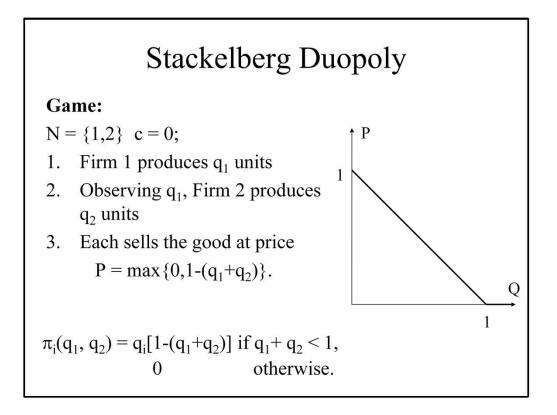


Note

- Backward Induction always yields a Nash Equilibrium.
- There are Nash equilibria that are different from the Backward Induction outcome.
- Sequential rationality is stronger than rationality.







14.12 Economic Applications of Game Theory Fall 2012

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