Tuesday, October 27, 2020 6:21 PM

Segventfal Nationality and Subsame Perfection

Sequential Ranksonality: Offernal strategies should maximize Acycffs, conditional maximize Acycffs, conditional an every information set at which this player has the move "look ahead"

Subjame derfect NE

Backmard Induction

procedure: process of analyzing a game from end to bestuning. At each decision node, strike ony dominated positions, given the terminal nodes that can be reached through the pay of the actions identified at successor nodes

result: Every Finite game with perfect information has a pure strategy NE. Backward induction identifies the NE.

Subsome PriFection

nadex in alree is said to initiate a subgame if neither x now any of its successors are in an information set that contains nades that are not successors of X. This is a subgame

Proper subgames dan't start at the instial node

A strategy protifie is called a subgame perfect NE (SPE) if it specifies a Nt in every subgame of the original same

Subsames are a refinement of NE

Inchedible thereats in the stacklebers Maraly Game

The SPE of the Stadyeberg Dualaly Game

Technical Notes

for a siven node x in a game, a Player's Kontinuation Value/Payoff is the Parjoff that this Manyer will eventually get Contingent on the Parth Of Pay Passing through node x.

net of pust receipys