Autonomous Multiagent Systems

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Week 10, Tuesday (10/29)

Any Questions?

Readings Overview

- Game Theory
  - Multiagent systems
  - Economics
  - Social science, law, etc.

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Student-led discussion

Nash Equilibrium: If there is a set of strategies with the property that no player can benefit by changing her strategy while the other players keep their strategies unchanged, then that set of strategies and the corresponding payoffs constitute the Nash Equilibrium.

- To what extent is Nash Equilibrium applicable in finding solutions and when does it break down?

Statement

- Nash Equilibrium is limited in its applicability due to its exponential complexity and the inability to give a deterministic solution.

- (Agree or Disagree?)

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Next Week's Readings

- More general distributed rational decision making