Autonomous Multiagent Systems

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Week 10, Thursday (10/31)

Any Questions?

Review

- Utility - agents maximize it
- Payoff matrices
- Competitive games
- Collaborative games
- Dominant strategy
- Dominant strategy equilibrium
- Nash equilibrium

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Question from last time

- If a 2x2 game has 1 Nash equilibrium, does that mean there's a dominant strategy? — yes!

- Does it mean that there's a dominant strategy equilibrium? — no!

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Student-led Discussion

- Is the self-interested agent assumption sufficient?

Exercises

- If you didn’t do them, you’re not off the hook
  – Double jeopardy!
- If you did, and you would like to revise them, please do
  – Send reasons for revisions
  – Week 10 grade based on revised versions
- Also react to Week 11 readings