CS378 Autonomous Multiagent Systems Spring 2004

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Week 10b: Thursday, April 1st

Good Afternoon, Colleagues

Are there any questions?

Logistics

• Tuesday: guest lecture on agent modeling

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- Progress reports due a week from today
 - Beginning of class

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 - Be much more specific

Class Discussion

Tanner Trimble on game theory and basketball

Matching Pennies

- We each turn put a penny down covered
- If they match, I win, if they don't, you win

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Nash equilibrium?

Mixed strategy equilibrium

			Player	2	
		Action	1	Action	2
Player 1	Action 1	4,8		2,0	
	Action 2	6,2		0,8	

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		Action	Player 1	2 Action	2
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Do actual numbers matter?

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- When and where?
- What are the Nash equilibria?

Discussion

How useful is the concept of Nash equilibrium?