CS395T
Agent-Based Electronic Commerce
Fall 2006

Peter Stone

Department or Computer Sciences
The University of Texas at Austin

Week 13a

Good Afternoon, Colleagues

Are there any questions?

Logistics

- Next readings

Department of Computer Sciences

The University of Texas at Austin

Logistics

- Next readings

- Projects due in 2 weeks!

Logistics

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- Projects due in 2 weeks! (Happy Thanksgiving. . .)

Coalitional Games

- Starting from the theory this time

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- How "useful" is it?

Coalitional Games

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- How "useful" is it? (resources page)

Example (from Resnick)

		Player 2	
		Action 1	Action 2
Player 1	Action 1	-1,-1	-1,5
	Action 2	5,-1	0,0

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- Nash Eq.?
- Core?
- $(x, 4 - x), 0 < x < 4$
- Why 0 as lower bound, not -1?

Some terms

- Imputation set

- Grand coalition
    - When does it form?

- Veto player

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- Imputation set

- Grand coalition
  - When does it form?

- Veto player
  - Why non-veto players get 0 payoff?

- Lexicographical order

- Negative cut

- MC-net — why efficient?

- Bondereva-Shapley theorem

Class Discussion

- Joe Reisinger on collusion