

**CS378**  
**Autonomous Multiagent Systems**  
**Spring 2005**

**Prof: Peter Stone**  
**TA: Mazda Ahmadi**

Department of Computer Sciences  
The University of Texas at Austin

Week 4b: Thursday, February 10th

# Good Afternoon, Colleagues

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Are there any questions?

# Logistics

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- Please give page numbers (or something) in your questions/comments about the readings

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- Orchestra (as a MAS)

# Mataric: Adaptive Group Behavior

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- Built using subsumption architecture
- More complex behaviors than in Brooks' article
  - Multiagent

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  - Multiagent
  - Still complete behaviors at every layer

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  - Safe-wandering: why treat kin differently from other obstacles? (p.8)
  - Purely reactive? (in any sense)
  - Anything special about this domain? Or could it apply just as well to others?

# Class discussion

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Byung Kang on basis behaviors for soccer



# Discussion

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- Is subsumption practical?