CS343 Artificial Intelligence

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Good Afternoon, Colleagues



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Are there any questions?



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- Two very good talks this week
 - Thursday at 11, Cynthia Breazeal from MIT Media Lab:
 Robots as Social Learners
 - Friday at 11, Eric Horvitz from Microsoft:
 Learning, Reasoning, and Action in the Open World

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 - It's used (don't be fooled by just 1 week in class)



Planning Applications

- Mobile robots
 - An initial motivator, and still being developed
- Simulated environments
 - Goal-directed agents for training or games
- Web and grid environments
 - Composing queries or services
 - Workflows on a computational grid
- Managing crisis situations
 - Oil-spill, forest fires, urban evacuation, in factories
- And many more
 - Factory automation, flying autonomous spacecraft, playing bridge, military planning,...



- Unification/substitution?
- Relation to prolog?
- What about actions with variable costs?
- PSPACE-complete?

