## CS 188: Artificial Intelligence Spring 2010

## Lecture 4: A\* wrap-up + Constraint Satisfaction 1/28/2010

Pieter Abbeel – UC Berkeley Many slides from Dan Klein



















































## Real-World CSPs

- Assignment problems: e.g., who teaches what class
- Timetabling problems: e.g., which class is offered when and where?
- Hardware configuration
- Transportation scheduling
- Factory scheduling
- Floorplanning
- Fault diagnosis
- Interpretended in the second secon
- Many real-world problems involve real-valued variables...

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Demo: Backtracking + AC































