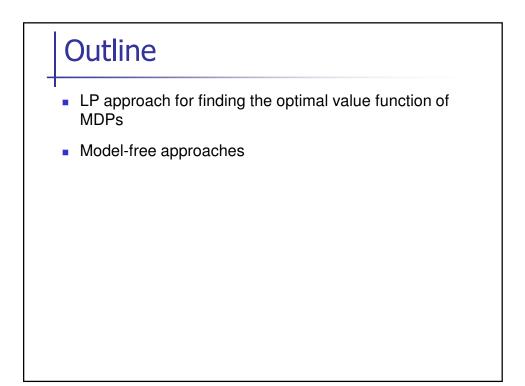
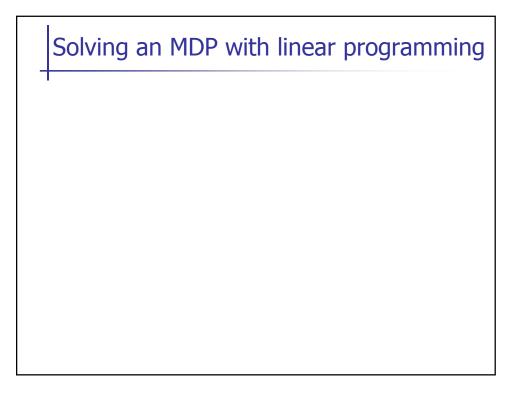
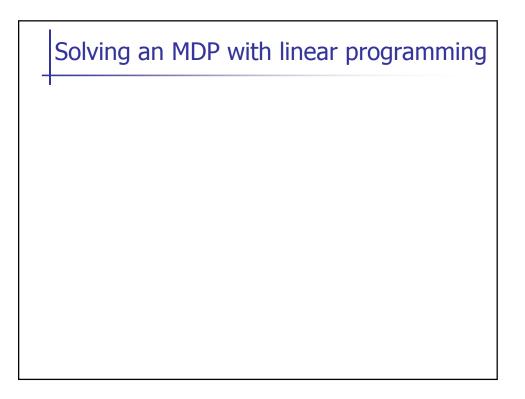
CS 287: Advanced Robotics Fall 2009

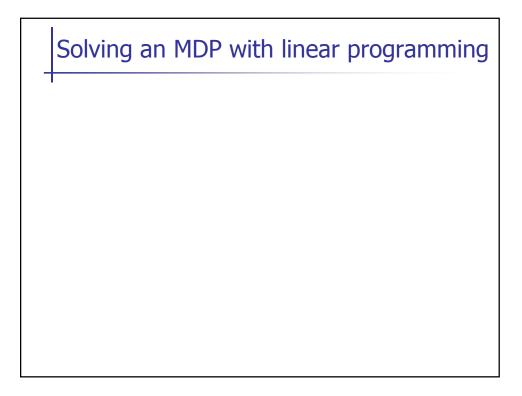
Lecture 12: Reinforcement Learning

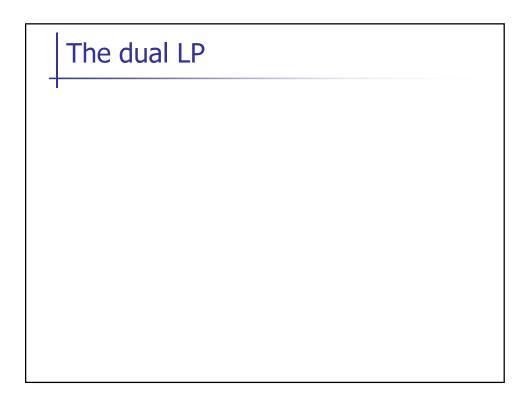
Pieter Abbeel UC Berkeley EECS







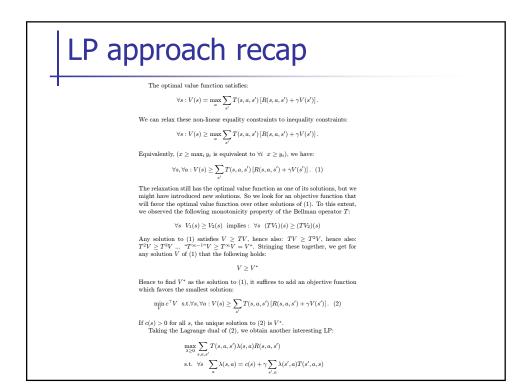




The dual LP: interpretation

$$\begin{split} & \max_{\lambda \geq 0} \sum_{s,a,s'} T(s,a,s') \lambda(s,a) R(s,a,s') \\ & \text{s.t.} \quad \forall s \quad \sum_{a} \lambda(s,a) = c(s) + \sum_{s',a} \lambda(s',a) T(s',a,s) \end{split}$$

- Meaning λ(s,a) ?
- Meaning c(s) ?



Announcements

- PS 1: posted on class website, due Monday October 26.
- Final project abstracts due tomorrow.

