

Lecture 2: Markov Decision Processes

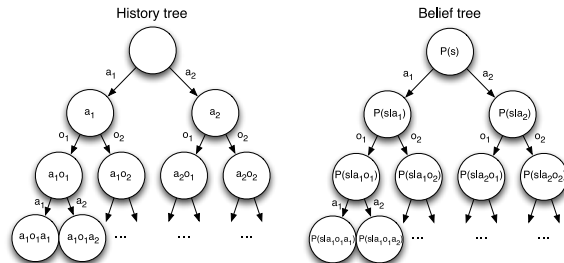
└ Extensions to MDPs

└ Partially Observable MDPs

Reductions of POMDPs

(no exam)

- The history H_t satisfies the Markov property
- The belief state $b(H_t)$ satisfies the Markov property



- A POMDP can be reduced to an (infinite) history tree
- A POMDP can be reduced to an (infinite) belief state tree