



Decision Processes (MDP) Markor action at ~T(St) policy environment State Still P(St, at) rewards , rt~r(St, at) MPP Structure has state st environ ment assumption? Markonan P{Stx1=5 | St, St-1, --, So, at at-1, --, cos = P & Stt = S | St, 9t8 assume this class, we usually 0 = 5+

Example Manipulation State s: configuration of hand, object pose (acceleration/velocity) commands action a: motor position (torques) physics (gravity, transition: contact force, $s' \sim P(s, a)$ fniction) polity tt(s): map from config. to motor commands Remard r(S,a): negative distable to goal . nigative motor canavel magnitude

and A et actions,

how many policies are there?

It: States > actions