Maximum Entropy IRL Maximum Entropy IRL Background: Agent behavior: 5, /trajectory state: si +) feature fsi & Rt Action: an [goal] optimizing some function fs; to pervared value f = E fsi. > Remard foor all the party. Reward $(f_5) = 0^{\dagger}f_5 = \xi 0^{\dagger}f_{s_1}$ expectation >). Ep (50) fsi = 1 // Probabiliste problem. feature Deterministre Path distribution : P(S: |0) = (0) fg:

Deterministre Path distribution : P(S: |0) = (0) fg:

Deterministre Path distribution : profition Plane with higher reward is preferred et fo lleshity Non determination path: $P(S|0,T) = EP(0) = \frac{1}{2(0,0)} I_{Se0}$ $\approx \frac{e^{T}f_{e}}{2(0,T)} I_{Se0}$ $\approx \frac{e^{T}f_{e}}{2(0,T)} I_{Se0}$ Stochasitic policies: + (action | 0, T) or & P(510, T)

5, age hearing from Demostration: OR = areg max L(0) = areg max \(\sum \text{log } \rangle \left(\sum \left(\sum \left(\sum \rangle \rangle \rangle \) = tate vicualization

 $\nabla L(0) = f - \sum_{s} P(s|0,T) f_{s} = f - \sum_{s} b_{s} f_{s};$

(Aig 1)