Quiz 90 min Breakout Rooms Last Time Online Method This Time HW3 - POMDPs.jl MCTs tips Continuous state, action Q(5, A) + C The N(5) for it to work - Choose L start 2 (Rman-Rmin) - Domain Knowledge - Rollout Policy / Value Estimate - Q/No Continuous state, action B[V](s) = max (R(s,a) + y (T(s'|s,a) V(s') ds') Linear Dynamics Quadratic Reward

S'= T_s s + T_a a + w | w zero mean, finite var R(s,a) = sTRss + aTRaa Finite Horizon Vn(5) = 5TP15+Qh

discrete time

Ricatt Eq:

Photo = R, + T, Photo - (Ta TP Ts) (Ra + Ta TP Ta) (TP Ts)

if wan(0, E) qual = ETr(EPi)

LOR:

If not Linear Quadratic

- Offline: Approximate Dynamic Frog (ADP)

Online: - MPC (Model - Predictive)

- Sparse Tree Search