

- (eward for simply being in the state, X

· a real number specifying the

action in a state

immedeate desirability of an

4 Rt ~ R(.1 Xt, Qt) 4r(x,a) = 1E(R1X=x,A=a)Gave reward that repealed inkraction w/ environment · receive within one epirode as a nature of puformance · a way to maximize long kim reward 6 O Finite Horizon Task 4. inwact for fixed predifined times · eg. solve a maze w/ fixed stels · agent goal is to maximize commanative rewords 4 G* = R, + R2 + ... + Rt 3 sm of rewards G* & R, + & R2+...+ 8th Rt 3 discounted com) function h, well durined start & end · terminat when reach a cutain state · eg. chess