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REWARDS A reword Re is a scolor feed that indicates how well the lurning agent is doing. CAL: Select octions to noximize the total future Reword

to noke better future decisions CHALLENUE: Exploration - Exploitation trade-off:

> use post actions that obtain high rowards. The agent most try a variety of actions and progressively fovor those that appear to be best IDEA H stept the agent: # step t the environment: execute action At receive obs Ob receive Rt Receive At Give Ot Give Rt 6=6+1 There is 1 for GNV Se and a for ALENT History Ht = As, Os, Rs -- At, Ot, Rt State St = f(Ht) -> info used to determine what

