

Environment

$$s_{t+1} = f(s_t, a_t)$$

$$r_{t+1} = r(s_t, a_t)$$

state s_t
reward r_t

Agent

$$\theta_t = h(r_t, \theta_{t-1})$$

$$a_t = \pi(s_t, \theta_t)$$

action a_t