Optimality in RL
Graded Quiz • 10 min

coursera

Due Oct 21, 9:59 AM EEST

Striving for reward

Bellman equations

- **Video:** State and Action Value Functions 13 min
- **Video:** Measuring Policy Optimality 6 min

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Optimality in RL

Optimality in RL

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1. What are the main sources of randomness in Reinforcement Learning? **1 / 1 point**

- [ ] Randomness of expected return given policy and MDP
- [x] Randomness of reward, given state and action.

Correct

- [x] Randomness of the action given state.

Correct

- [ ] There is no randomness.
- [x] Randomness of the next state, given state and action

Correct

2. What is the definition of value function $v_\pi(s)$ for policy π? **1 / 1 point**

- ( ) Minimum reward, that agent can get out from the environment, staring from state s and acting according to optimal policy