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[Graded] Value Functions and Bellman Equations

Graded Quiz • 45 min

Due Nov 13, 11:59 PM PST

Item Navigation

Congratulations! You passed!

Grade received 81.81%

[Graded] Value Functions and Bellman Equations

To pass 80% or higher

Quiz • 45 min

Go to next item **Submit your assignment****Due** Nov 13, 11:59 PM PST**Try again****1.** A function which maps ____ to ____ is a value function. [Select all that apply]**1 / 1 point**☐ Values to actions. **Receive grade**☐ Values to states.**To Pass** 80% or higher☒ State-action pairs to expected returns.**Your grade** **Correct****81.81%** Correct! A function that takes a state-action pair and outputs an expected return is a value function.**View Feedback**☒ States to expected returns.

We keep your highest score

Correct

Correct! A function that takes a state and outputs an expected return is a value function.



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2. Consider the continuing Markov decision process shown below. The only decision to be made is in the top state, where two actions are available, left and right. The numbers show the rewards that are received deterministically after each action. There are exactly two deterministic policies, π_{left} and π_{right} . Indicate the optimal policies if $\gamma = 0$? If $\gamma = 0.9$? If $\gamma = 0.5$? [Select all that apply]

1 / 1 point