

Assignment 3: Q-Learning and Actor-Critic Algorithms

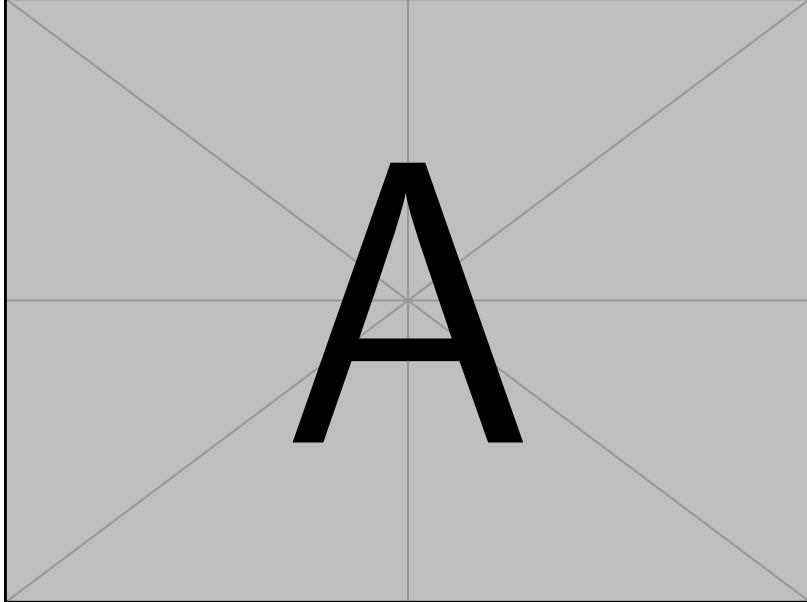
Andrew ID: Write your Andrew ID here.

Collaborators: Write the Andrew IDs of your collaborators here (if any).

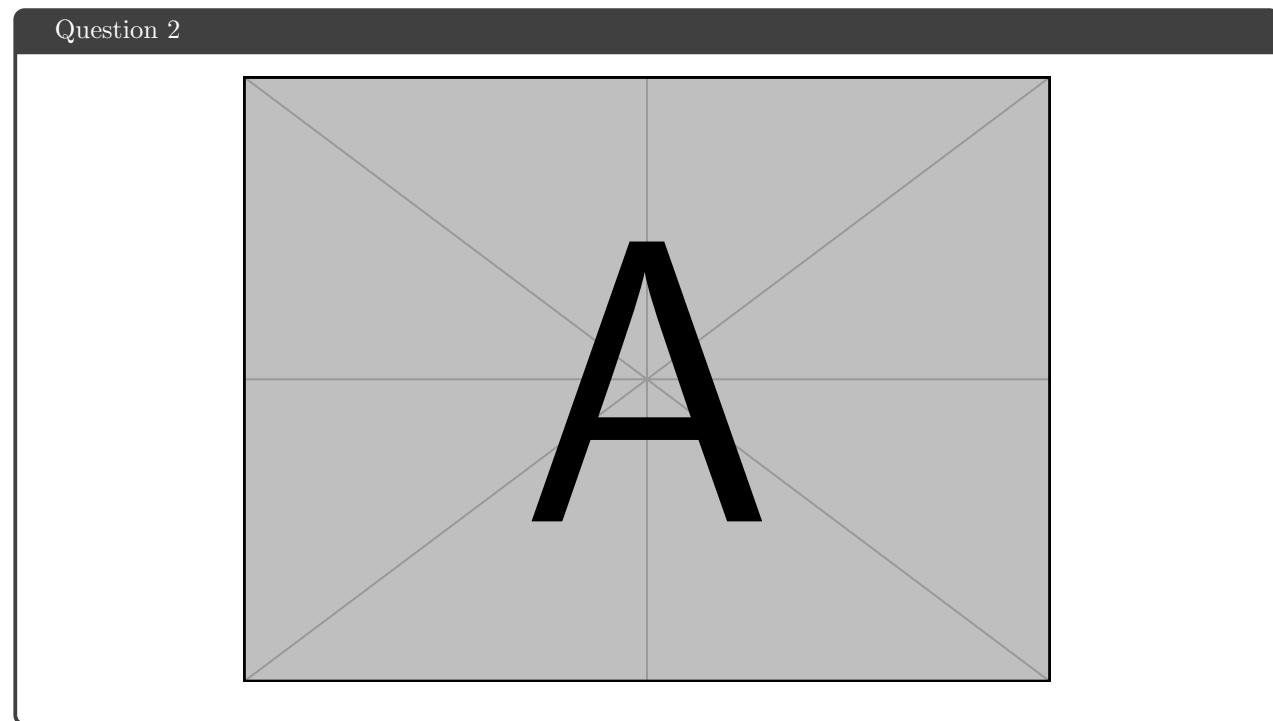
NOTE: Please do **NOT** change the sizes of the answer blocks or plots.

1 Question 1: DQN and DDQN (LunarLander-v3)- [7.5 points]

Question 1



The form contains a question header "Question 1" at the top left. Below it is a large square input area. Inside the square, there is a light gray background with a faint grid. A large, bold black letter "A" is centered in the middle of the square. The entire form is enclosed in a dark border.

2 Question 2: Actor-Critic (CartPole-v0) - [3.75 points]**3 Question 3: Actor-Critic (InvertedPendulum-v4) - [3.75 points]**