

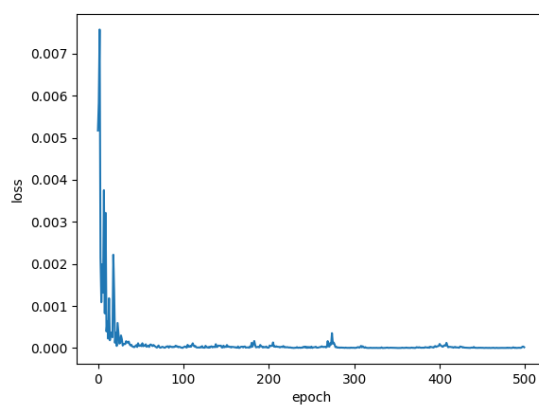
advanced robotics hw3

jacob33

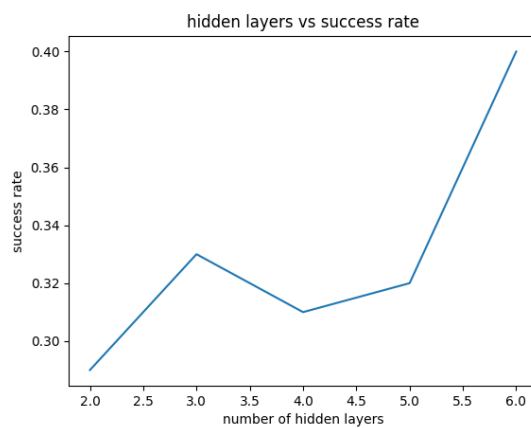
May 2023

1 BC

1. My plot for losses:

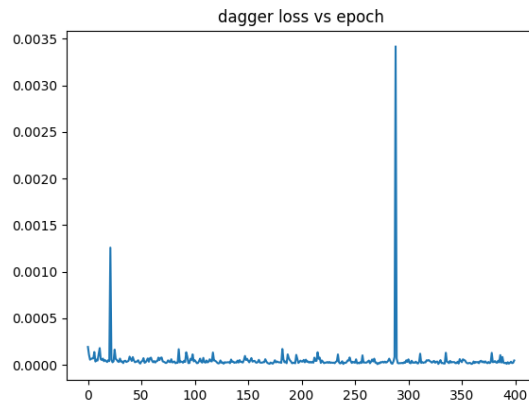


2. For the hyper parameter, I decided to vary the number of hidden layers as this is a way to make a network more powerful.

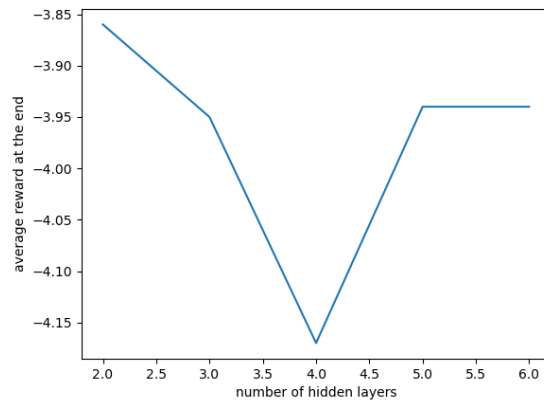


2 Dagger

1. My plot for losses:

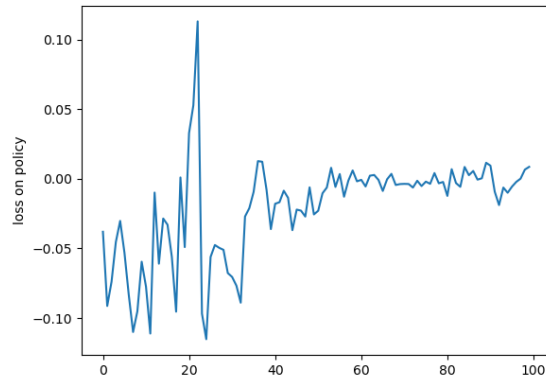


2. I decided again to vary the number of hidden layers to make the network more representative and deeper. This did not end up working that well though as it did not improve the model and actually made it a little worse because of over fitting.



3 policy gradeint

1. For my loss curve:



2. I again decided to vary the network depth for policy. This made the network much worse which is supprising but I guess that overfiting is very bad for policy gradient. I plotted the succes frequency on the y axis.

