Nick Carroll

COMPSCI 590.06: Elements of Deep Learning

HW # 2: Automatic Differentiation

4.1:

Below is the computation graph that computes .

Diagram

Description automatically generated

5:

I affirm that I have followed the instructions for this assignment and that my answers and submitted code represent my own work, without the use of any unpermitted aids or resources. Nicholas Carroll

6:

I have attempted the extra credit assignment. My minimized value of η is 0.00095 after 20 epochs.