

Due: Sunday March 23rd, 2025 at 11:59 PM

Upload the lab to D2L Labs, Lab 7 dropbox

Question 1 (25 Points):

Train a perceptron neural network to learn the AND logic function.

The initial weights are: $w_0=0.2$, $w_1=0.5$, $w_2=-0.1$

The learning rate is: $\mu=0.25$

Write your answer either using Microsoft office word, or on a paper and upload the photo.

Train the algorithm for only two iterations $T=2$,

The two inputs are x_1 and x_2 , and $x_0=-1$ as bias input

Check the subsection 3.3.4 from the book.

x_1	x_2	t
0	0	0
0	1	0
1	0	0
1	1	1

