Deep salankhi 21102A0014 # Assignment 2 BE CMPN A. W = [1 -2 -1 1] (rects) Q1] b=[1, 0] (not) 2, = 1 2(2 = -) to we attend thing = doot Fask 1 . Herry year of december Z= 1 + MA + 2 1 ron b) step function f(2)=> . Anot book tompe to O Signoid. = max (0,4) = 1+5-4 bookailly like output) (Drovel) give 2 few tre) 6 shp - 0 , 31 ( Binay classificate ) (rentered aroudo, highlyhle) direction

Task 2

of symoid = Moderately sensitive

Rely = lineary sensitive for 200

Complety insensity for 200

Tanh = highy sensitive mor 0;

Satisfield for large positive largative 2

Sty = Non sensitive

(daylagia obrano bustan)

b) ste, function

c) sigmoid and Tanh.

Just 3

sharp Decis m => step function.

smouth Control => sigmoid.

Chinal classificate