Assignment-I

18 K41ADSF4

Find the global winnum point and value for the function $f(x) = n^4 + 3n^2 + 10$.

) Do Manual Calculations for two sterations

Step 1: Turk algation

n=0.01, x=6.5, epoches = 2., tel=1

Step 2:- 1et order des value of f(n) at x=6.5

() = (4x3+6x) = 1098.5+39 () n n=6.5 = 1137.5 M.

Step 3:- Find Changing Valiable

In= -ndx

= - (0.01)(1137.5)

AX = -11.3751.

Stop 4 2-

x = x + 1x= 6.5+(-11.375)

2 = -4.875 11

= 10.0301 M.