Assignment - 3

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manual calculations:

ster-1: m=1, c=-1 2=0.1, x, y epoches= 2, ns=2

Step-2: iter=1

step-3: sample=1

ster-4: 2E = - (3.4-11)(0.2)-(-1)/0.

=-0.84

36 = - (3.4 - (1)(0.2)+1)

= -4.2

Sta-5: DM=-(0.1) (-0.84)

= 0.084

DC=-0.1(-4.2)

=0.42

Step-6: m= m+Dm =1+0.084=1.084 == C+DC=-1+0.42=-0.58

iter=iter+1 sta-9 -111=2 (2>2) if (itex > epoches) Stap-10 go to step ! else goto step 3 sample = 1 Ster-4: DE = - (3.4-(1.2) (0.2)+0.18)0.2 = -(3.4-0.24+0.18)0.2= - (3.34)0-2 =-0.668 36 = - (3.4-(1.2)(0.2)+0.18) = -3.34 step-5: Dm=-(0.1) (-0.668) = 6.066 $\Delta C = -(0.1)(-3.34)$ = 0.33 step-6: m=m+1m= 1.24+0.066=1.3.

C= C+DC= -0.18+0.33 = 0.15

Step-6:
$$Comple = sample + 1$$
 $= 1+1=2$
 $Comple > ns$ (2 > 2)

 C

= 2+1 = 3

if (sample > ns) (3 > 2) Step: 8 goto step 9 else step 4 ster-9: iter=iter+1 = 2+1 step-10: If (Her > epoches) 3 > 2 906 step 11 goto step 3 bout w 8 c m=1-42, C=0-46