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Assignment - 7A
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Date Time load (KW)
01.09.2018 0:00 5551.322
01.09.2018 1:00 4583.172

Day - 1(x)

Day - 2 (Ye)

5551.82208

4931.26380

4933.17134

4775.53968

- Dη=0.01, epochs=2, m=1, c=-1, 0=0.9, Vm=0 & Ve=0.
- 2) Iteration = 1, Sample 1=1

3) $\frac{\partial E}{\partial m} = -(4931.26380 - 1(3551.82208) + 1) 5557, 52208)$ = 34396.77 - 338750

85825-619 = <u>96</u>

- S) $V_m = -0.9(01-(0.1)(3439677.338750) = -343967.733875$ $V_c = -61.95583$
- 6) m = 1 + (-343967.733875) = -343966.7338750 = -62.95583
- 7) Sample 1 = 1+1 = 2
- 8) Y = (-343966.734) (4983.17184) + (-62.95583) = -1714045405.72
- 9) <u>de</u> = ((4775.53968 (-343966.734)(4933.17184)-(-62.95583))(4983.17184)

= ~8541406595609.112

0E = -1714050181-261

- (0) $V_m = -854140969131.67$ $V_c = -171405073.88634$
 - m = -85414131098.4 c = -62.95533
- 12) Iteration = 2, Sample = 1
- 13) 4= -4.7420406014FIS

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\frac{\partial E}{\partial c} = -4.74204060150E15
15) Vm = 2.6326958e18
    V = 4.74203906 E14
16) m= -854141313098.4+ 2.6326958 E18
         = 2-6326949 SE18
      C = 4.74203906014.
 17) Sample 1 = 2
     Y=1.31191713622
  a) DE = - (4775.8398-1.31191718E22) (4983.17184)
           = ~653756875E25
       DE =- (4775.53968-1.31191718 F22)
             = -1.31191718E22
20) Vm = (0.9) (2.6326958E18) - (0.1) (-6.53750875E25)
          = 6-53751112 F24
      Vc = 1-31171761 E21
2) m = 2-632-69495E18+6-5371112E24
         m = 6.53751375E24
     C = 4.74203906E14 +1.31191761E21
           C = 1.31191808E21
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