Assignment - 7A

Date 9ine Load (KW)
01-09.2013 0:00 5551-322
4 1:00 483.172

- 1) 2=0.01, epochs = 2, m=1, c=-1, d= 0.5, /m=0+ /c=0
- 2) Iteration = 1, Sample i=1
- 3) 4=(1)5551.32208 -1 = 5550.82W8
- 4) $\frac{\partial E}{\partial N} = -(4931.26380 1(5551-82203) + 1)0551.82203$ = 3439677-338750

- 5) $V_m = 0.7(0) = (0.1)(3439677.338750) = -343967.733875$ $V_c = -61.75583$
- 6) m = 1 + (-342967.733375) = -3435966.733375c = -(2595583)
- 7) sample i= 1+1=2
- 9) Y = (-343666.734)(4683.17184) + (-62.95583)= -1714045405.72
- 9) $\frac{\partial E}{\partial m} = (C + 775.57969 (-343966.734) (4933.17184)$ - (-62.95583)) (4933-17184)= -3541406595607.112

$$V_{m} = -354140565131.67$$

$$V_{c} = -1714-5073.88634$$

$$C = -62 - 9553$$

$$\frac{14)}{100} = -2 - 63269657156215$$

$$\frac{36}{36} = -4.76206060150615$$

(5)
$$V_m = 2.63 26959018$$

 $V_c = 4.74203906014$

(c)
$$m = -854141313098.4 + 2-6326958 = 13$$

= $2.63269495 = 18$
 $= 4.74203506 = 14$

$$\frac{3E}{3m} = -(4775.8398-1.31191718E22)(4983.17134)$$

$$= -(53750875E25)$$

$$= -(4775.83968-1-31191718E22)$$

20)

Vm = (0-8)(2.6326958E(3)-(0.1)(-6.55150875E 25)

= 6.53751112=14

Ve = 1.31191761621

21) m = 2.63269495E18+6-5371112E24

m = 6-53751375 E24

c= 4-74203906=14+1.31191761 E L1

[c = 1.31191303 = 21]