## 17K41A0554\_ANN\_P20-2.

20) Estimate the load at particular hour of the day (LCT) based on previous hour land [LCT-17] and load at same time but one day before [UT-24)] using artificial neural network with one hidden larger using Edathethe optimizer

Sample de sie state de la contraction de la cont		
Sample	1 hou before	may before outpos
1	49834 182	4213-811
2	4898.398	4679.026
3	5032.959	15944.266 15621.463
45	0641.297	6150.313.

Read dataset, Set M=01, 2:00, epoches. m=1,c=-1, Eqm,0= Eq.0=0, Ec.0= Em,0=0, Ding DC = 0. E = 10

Let I terakon of

Step3: sit sample ?= 1

> gm = - (y - ma; -c) 7; step4:

9m= - (4713.811-(1×4983192)-40)

9m= + 13,337,289.02

→ 9, = -(y, - mx; -c)

DC = - 1 /En + 2 (90) JEZX I DC= \_ TO + 169 (268.361) JA201, 765 \$169 1-0.000314= 0.99 CEMCABC C--1-0.000316: -1100032 Sample = sample + 1 if sample & ns goto step 4 else goto Mext step. itel=itut 1 if ite £ epoch guto step 3 else goto next sty