Only somethings are left to be done
1) Hebbian Learning Rule
-) No backtracking phenomenon
- weights are simply adjusted using
- the input
-> the prevactivations
wnew = wold + sign (wold xx) xxe
L) NO LAYER STRUCTURES
2.) Delta Leaning
1) output calculate (wxx)
2) output activation (sgn(wTx))
2) output activation ($sgn(\omega^T x)$) 3) differential of activation $\frac{2exp(-\omega^T n)}{[1 + exp(-\omega^T n)]}$
$\omega^2 = \omega' + \text{learing rate } x (d_0 - \text{activation}) f'(\text{activat})$
LO SINGLE LAYER STRUCTURE

3.) Widrow Hoff harning (special case of Delta learning)

-> all the steps are same as Delta haning but the activation fuction is not involved

2 1. 1. Man mato ~ (1) (Tor) X 2e

DW = learning rater (do - who) x n

ho activation
function used
nucleon

ILS SINGLE LAYER NETWORK.

3) Back Propagation for single layer perceptor

4) Radial Bias Function Networks

- Hiddun units are called radias centres.
- TE from input to hidden is non-linear v
- IF from hidden to output is linear.
- 2) Basically these have additional property

 of measuring "HOW CLOSE THE INPUT TO A GIVEN

PROTOTYPE" & THAT'S WHY THEY USE ~ GAUSSIAN

-) A fru tru network has completed the learny phase it will be to learn data points which is basically the eentre of the bell cure amongs the most dense points.

QHOW to train RBFNN 91

Plan

-> 1 C -> par -> micro make structure. -> control -> Micro C1-2 hrs.) -> Ap c evening