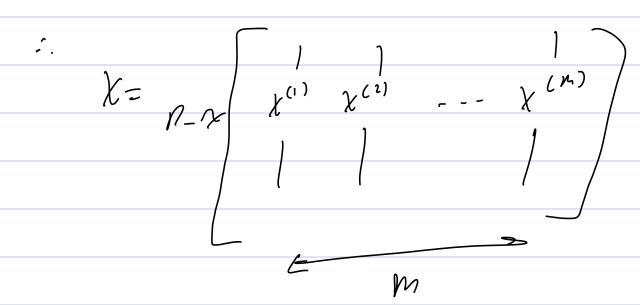


Outerd! Uset to classify region as RED(0) on BLUE(1).



 $\chi \leq N-x, m_2$. Where N-x=2, $\chi_{i}^{(i)}$, $\chi_{z}^{(i)}$ $\chi_{axis} \qquad \chi_{-axis}$

EM -S D 57 1 for legal led or blue Ornerangle m= loo X: 22, 4007 4: 61,4007 Un model not grad ble date næt lian. need Non-lineAd ACTUATION FOR [1- hilden teges). Went Meters riske light in nollen i. 2 leger toles leger! reger setate leger. w 9+ 6 (2) 0 Iguid Goed Gill ble it's leny fit lye Usinputri nown, [lager] (example)

Review #. proflem Fan Non-luci

 $\chi^{(i)} = \begin{bmatrix} \chi_1 \\ \chi_2 \end{bmatrix} \qquad A^{(i)} = \begin{bmatrix} \alpha_2^{(i)} \\ \alpha_3^{(i)} \\ \alpha_3^{(i)} \end{bmatrix}$ no por one example. $\begin{bmatrix}
\chi_{1} \\
\chi_{2}
\end{bmatrix}$ $\begin{bmatrix}
\chi_{2} \\
\chi_{3}
\end{bmatrix}$ $\begin{bmatrix}
\chi_{1} \\
\chi_{2}
\end{bmatrix}$ $\begin{bmatrix}
\chi_{2} \\
\chi_{3}
\end{bmatrix}$ $\begin{bmatrix}
\chi_{1} \\
\chi_{2}
\end{bmatrix}$ $\Rightarrow \chi - \begin{cases} \chi_1^{(1)} & \chi_1^{(2)} \\ \chi_2^{(1)} & \chi_2^{(2)} \end{cases}$ a, [I](m) 24,47 CID (d'CID(I) (1)(N) HE az [1)(1) a3 [1) (1) _ a4 9, C13 (W) 9 he if Mh > M x

I hapt leger receions.

Output

The way of the property of the prope Just lesemple (i)

Z CIJCI) = W CIJCI) X (i) + b CIJ So wift now 44,10 $\leq 4,17$ A CIJ(i) = tanh (ZCIJ(i)) Z (27 (i) = W [27 (i) A [1] (i) + b [2]

$$y = A^{(2)}(i) = 5 \left(2^{(2)}(i) \right)$$

$$y = A^{(i)} = 5 \left(2^{(2)}(i) \right)$$

$$y = A^{(i)} = 5 \left(2^{(2)}(i) \right)$$

$$y = A^{(2)}(i) = 5$$

$$y =$$

We how fraudy Cost is

And we tenou cleatise.

Gened Methology:

1) Pefrie NN Stutue

2) inividize puntes (-100 ZElo)

3) Lool

a) Formul prop.

b) loss Calulaturi

C) bushed prop.

d) upste parameter (find. descet)

I Perien Re MATH Colint He dervitie Ken Solves.