

	Z	-1	2	3	5
•	y	-2	4	6,	ĺO

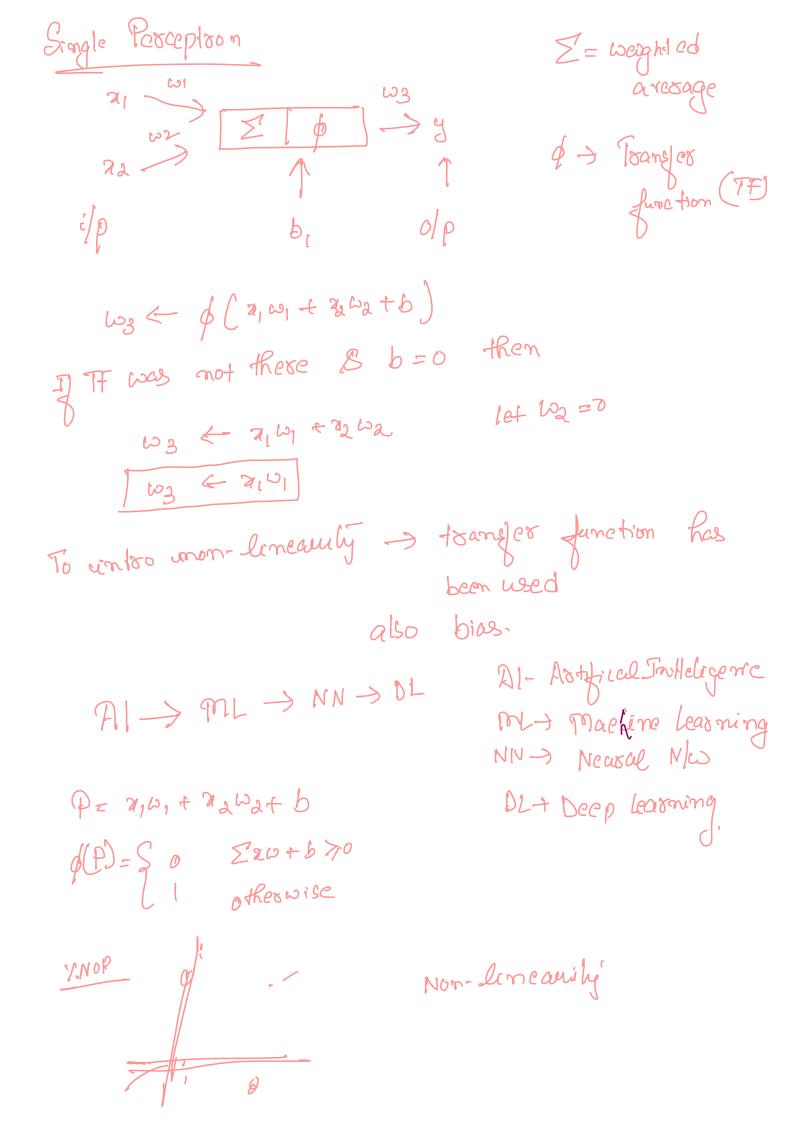
	V						
7	Ī	2	13	(4)			
1 9	C	12	CR	24/	30		

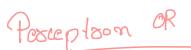
As we ine rease the value of 2, the value of y expands linearly.

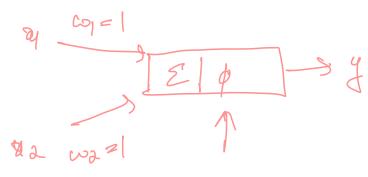
y = 62 tC

Linear ormlinearly?

Plot the graph.





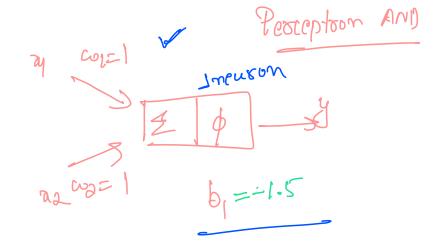


$$= 1 \times 1 - 0.5$$

$$\omega_{1} = \omega_{1} + \Delta \omega_{1}$$

$$\omega_{1} = \eta \left(y - \hat{y} \right) \approx 2000$$

$$\omega_{2} = \eta \left(y - \hat{y} \right) \approx 2000$$



st case

$$\frac{\phi(p)}{\phi(n)} = \frac{\phi(n + 2 w_2 + b_1)}{\phi(-1.5)} \leq 0$$

 $\frac{\partial^{2}}{\partial (P)} = \phi(2_{1}\omega_{1} + 2_{2}\omega_{2} + b_{1})$ $= \phi(0)(1 + 3)(1 + (-1.5))$ $= \phi(-0.5) \le 0$

$$\begin{array}{c|cccc}
 & X_2 & X_2 \\
\hline
 & 0 & 0 & 0 \\
 & 0 & 7 & 0 \\
\hline
 & 1 & 1
\end{array}$$

\$ = \$0 w.8+b <0 1 otherwise

 3^{8d} case $a_1 = 1$ 3 = 0 $4(7) = 4(a_1 \omega_1 + b_2 \omega_2 + b_1)$ $= 4(-0.7) \le 0$

- 0

 $\frac{448}{\phi(p)} = \frac{1}{\phi(1+1-1.5)}$ $= \frac{1}{\phi(0.5)} \stackrel{?}{>} 0$

1 8 ingle neuson is enough?

Euly Commerted (FC)

Lall newsons are connected to all other newsons

MILP -> Multi Layer Perceptoon

