n							
U	at	e	 	•••	 	 	

lame: Nikita Thakwe UIN: 659703805 f(1/2,23) = 2,223 +2,72 -1 > False W= 8gn(n) = | , In>0 8gn (1) = 7 Sgn (1) = 0 午二十十年2 fi X1 X2 X3 XI X2 X3 -1 For $f=\chi_1\chi_2\chi_3+\chi_1\chi_2'=f_1+f_2$, Let the weights be $w_1\notin w_2''$. ·. u(wo"-w"-wz")=-1=> wo"-w,"-wz"20 $\frac{u(w_0^{||}-w_1^{||}+w_2^{||})}{u(w_0^{||}+w_1^{||}-w_2^{||})} = 1 \Rightarrow w_0^{||}-w_1^{||}+w_2^{||} > 0$ by solving the about equations, we get wo'=1, w,"=1 & w'=1

for the final output layer.





