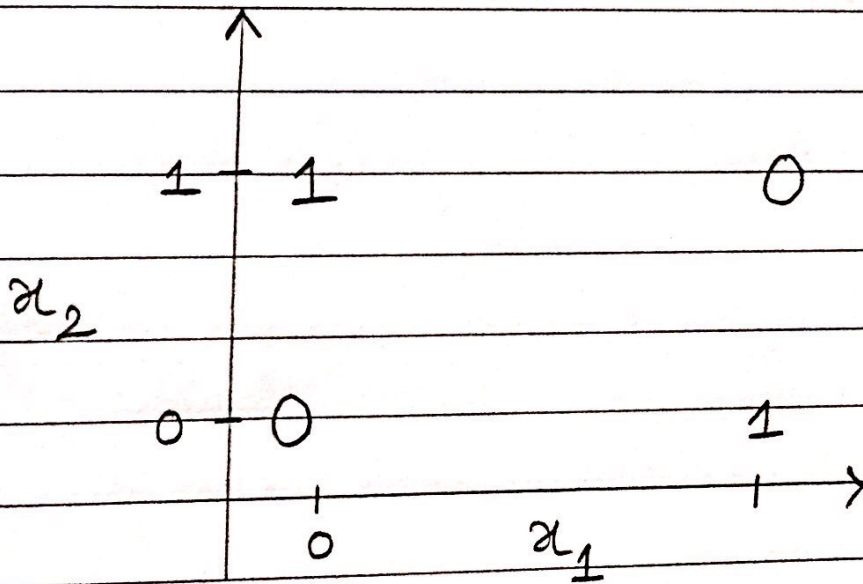


XOR truth table

X	Y	$X \oplus Y$
0	0	0
0	1	1
1	0	1
1	1	0



Threshold value $\theta = 1$

Activation Function :

$$f(x, y) = \begin{cases} 1 & \text{if } x \oplus y \geq 1 \\ 0 & \text{if } x \oplus y < 1 \end{cases}$$