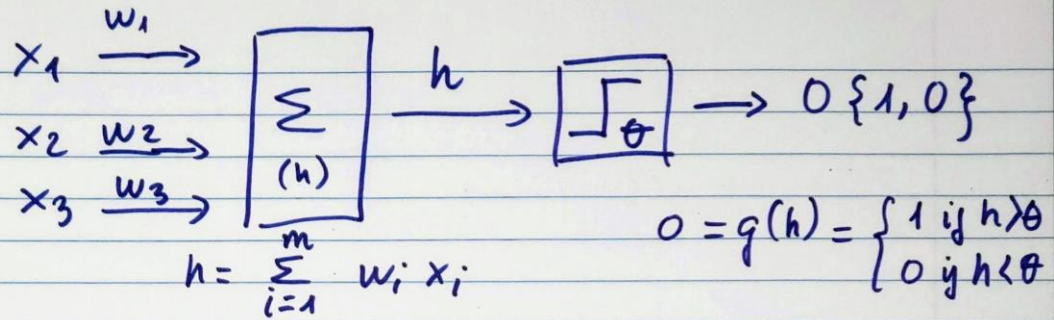


Mc Culloch & Pitts

Example

(1) $x_1 = 1$ $w_1 = 1$ θ : threshold = 0
 $x_2 = 0$ $w_2 = -0.5$
 $x_3 = 0.5$ $w_3 = -1$

(2) $h = x_1 w_1 + x_2 w_2 + x_3 w_3$
 $= 1 \cdot 1 + 0 \cdot (-0.5) + 0.5 \cdot (-1)$
 $= 1 - 0.5$
 $= 0.5$

(4) $h = 0.5 > 0 \rightarrow o = 1$