PREREPTION $(x_1 \text{ AND } \sim x_2)$

x_1	x_2	x_1 AND $\sim x_2$
0	0	0
0	1	0
1	0	1
1	1	0

$W_0 = 0$

dla $x_1 = 1$, $x_2 = 0$ wynik $= 1$

$W_0 + 1 \cdot W_1 + 0 \cdot W_2 = 1$

$W_0 + W_1 = 1$

$0 + W_1 = 1$ $\quad \boxed{W_1 = 1}$

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dla $x_1 = 0, x_2 = 1$

$W_0 + 0 \cdot 1 + 1 \cdot W_2 \leq 0$

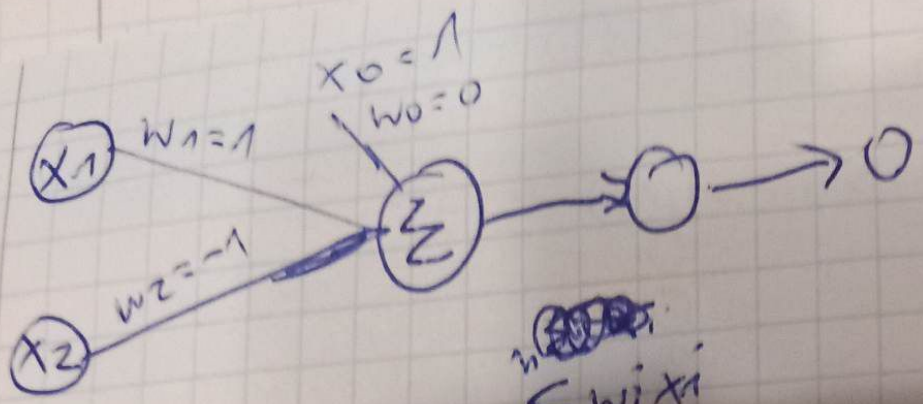
$0 + 0 + W_2 \leq 0$

$W_2 = -1$

$x_1 W_1$	$x_2 W_2$	$W_0 + x_1 W_1 + x_2 W_2$	
$0 \cdot 1 = 0$	$0 \cdot (-1) = 0$	$0 + 0 + 0 = 0$	0
$0 \cdot 1 = 0$	$1 \cdot (-1) = -1$	$0 + 0 - 1 = -1$	0
$1 \cdot 1 = 1$	$0 \cdot (-1) = 0$	$0 + 1 + 0 = 1$	1
$1 \cdot 1 = 1$	$1 \cdot (-1) = -1$	$0 + 1 - 1 = 0$	0

$W_0 + W_1 x_1 + W_2 x_2 > 0$

$W_0 = 0 \quad W_1 = 1 \quad W_2 = -1$



$$o = \begin{cases} 0 & \text{if } \sum_{i=0}^{n} w_i x_i \leq 0 \\ 1 & \text{otherwise} \end{cases}$$