$w_i \in \{-1, 1\}$

$0 \in \{-1, 1\}$

0	-0, 1
1	-1, 1
2	-1, 1
n	-1, 1

Extension of proposition 2:

Any logical function of $F: \{-1, 1\}^1 \to \{-1, 1\}$ can be computed with a McCullogh-pitts network of two layers.

For 0 to be -1 or 1, $\sum_{i=1}^{n} w_i x_i \in \{-1, 1\}$

Test cases: $(-1, -1, 1) \cdot (1, -1, -1) = -1$ ✓
$(-1, -1, 1) \cdot (1, 1, -1) = -3$ ✗

x_i	1	-1
w_i	1	