

$$P(A, B) = P(A)P(B|A)$$

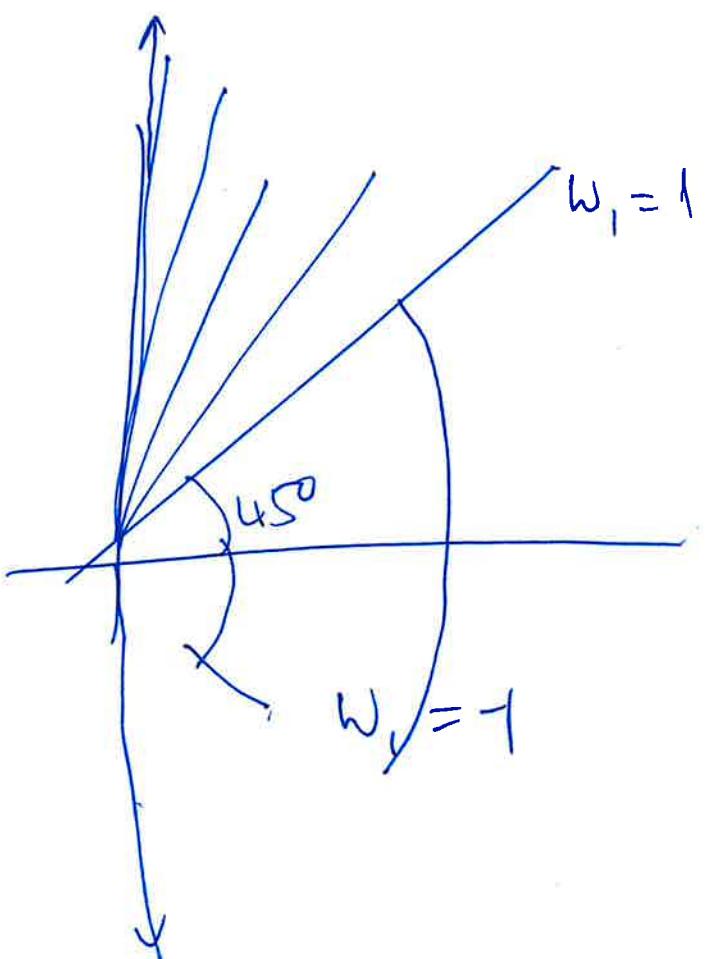
①

$$P(A, B) = P(B)P(A|B)$$

$$\Rightarrow \frac{P(B|A)P(A)}{P(A)} = \frac{P(B)P(A|B)}{P(A)}$$

$B \rightarrow w$, $A \rightarrow t$

$$P(w|t, X) = \frac{P(w)P(t|w, X)}{P(t|X)}$$



$$\begin{aligned} t &= w_2 \circ (w_1 \circ (w_0 \circ x)) \\ &= (\underbrace{w_2 \circ w_1 \circ w_0}_{\text{a vector!}})_x \end{aligned}$$