

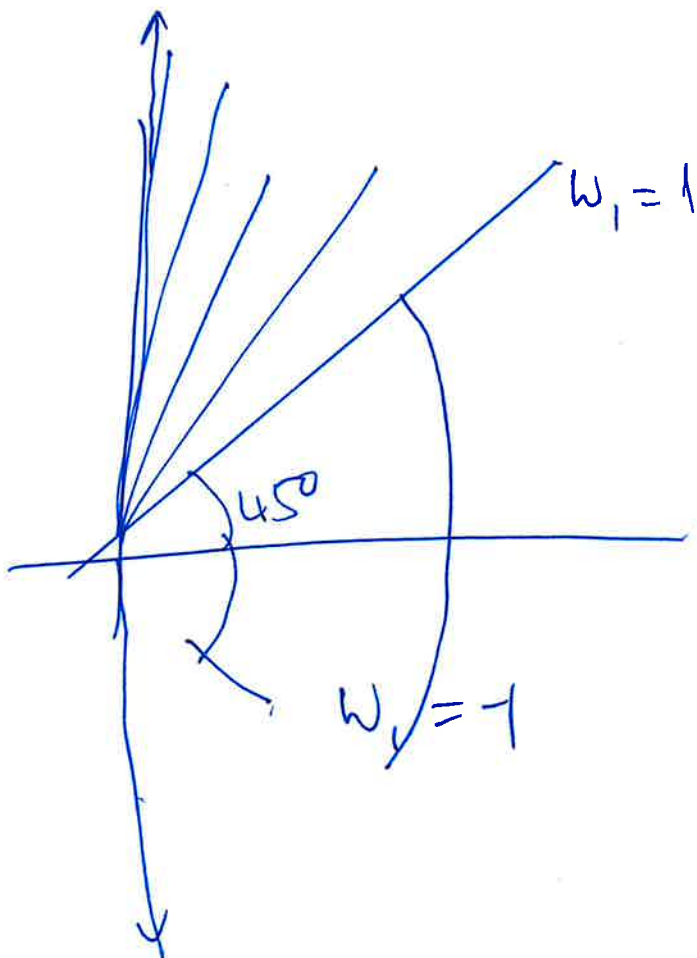
$$p(A, B) = p(A) p(B|A)$$

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

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

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



$$t = w_2 \circ (w_1 \circ (w_0 \circ x))$$

$$= (\underbrace{w_2 \circ w_1 \circ w_0}_{\text{a vector!}}) x$$