





mp(t/w, B)= m/ JB e 2 (y(2n, w)-tn/2) = 17 (B) \frac{1}{2} = \frac{1}{2} \frac{1 $= -B \sum_{i=1}^{2} |y(x_{i}, w) - t_{i}|^{2} + C$ So Y - B & (y(xn,w)-tn/2-xww The max of this is equivalent to the min of B 2 (y(xcn, w)-tn] + xww.
2 i=1)

MAP 13 MLE: Our ME is just what we get from minimizing $B \leq (y(x_n, w) - t_n)^2$. $\overline{2} = y(x_n, w) = t_n$ Heure, it doesn't consider previous information. This means the MLE is more prone to overfitty AS 470, MAP > MLE.