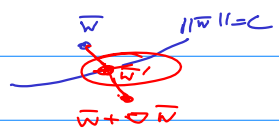
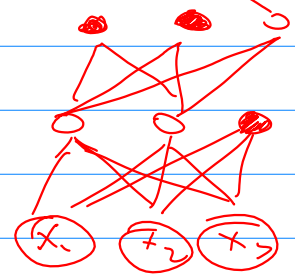


$$L \rightarrow \min \|w\|^2 < c$$



$$p = 1/2$$



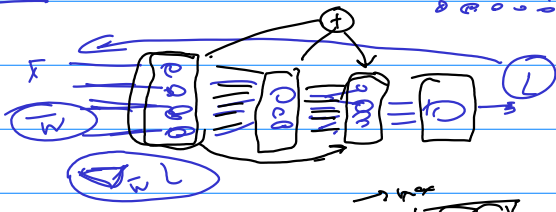
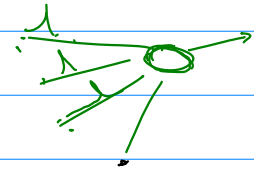
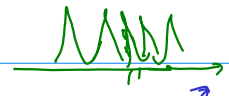
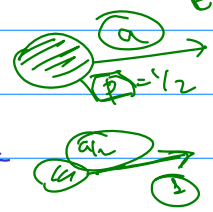
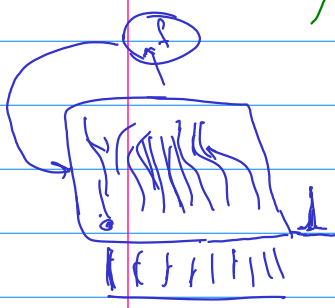
$$\hat{y} = \frac{1}{2^p} \sum_i M_i \approx \frac{1}{p} \sum_{i=1}^p M_i$$



$$a = E_x h(w^T x)$$

$$E_{p|x} h(w^T x) = (1-p)a$$

$$E = a \cdot p = a/2$$



GPU

TPU Tensor Processing Unit

$$p(b) = \frac{1}{\sqrt{2\pi}} e^{-b^2/2}$$

Unsupervised - autoencoders

