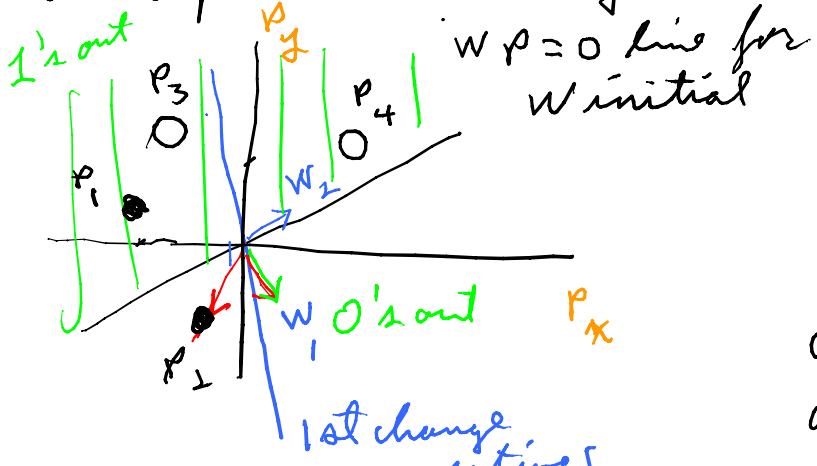


Perceptron training



$$a = \text{hardlim}(Wp)$$

0 = desire 0 out

1 = desire 1 out

$$a = 1 \text{ if } Wp \geq 0$$

$$a = 0 \text{ if } Wp < 0$$

learning rule p. 9-12

$$W_{\text{new}} = W_{\text{old}} + \epsilon p^T$$

$$\epsilon = t - a$$

ΔW

= change in weight

Setting up of n-nets:

can use nntool

gensim (gives simlinks net)