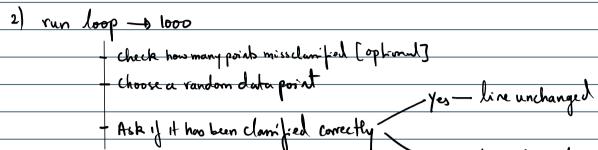
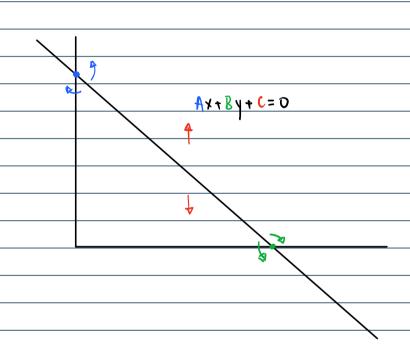
## Perceptron Trick

Tuesday 30 April 2024 4:04 PM

- Won't find the best possible solution
  - 1) Start with random values of A, B&C



NO - transform line so that data point is on the correct side of the line.



- -> To move line towardo pontre region ABC

  If a negative point is in pontre region M(Xi Yi 1)

  Anni Brew Crus
- to move line towards regalize region ABC

  ya profess print is in regalize region. + M(X; Y; I)

  Annu Brus Crus

Algorithm:

epoch -> , 1 ->

W=[Wo W, ... Wn]
for , m range (epochs):

select a point randomly

That E-we region & Ewix:>0

D step function

