1) why Functional Programming (& Haskell)?
2) models/equations for Neural Networks?
3) results/deno?

Ins. Tensor Flow, PyTor de -> External Library (size? 11-? praformana?

Haskell -> Wative (No?)

1) why Functional hogramming (& Haskell), - declarative, higher-order functions (functions as parameters) 5 no affectation, no Poop. (recursion) => shorter/compact - (3 ipl vh (*) [x, ..., sen] [y, ...yn]==[sc, ty, ...) (myn]

mult = zipl vh (*) -- prod of 2 lists/vectors

add = zipl vh (+)

min ws = zipl vh (-)

- max

(sig (x) = 1/(1+e(-x)) mondd = zipWith add == addition zipWith add [x, xn] [y, yn]
== [add x, y, add xn yn]
hadd de 2 rectors - forting the old = map sig -- signaid of a vector?

- fortint (4) Loi, ... 2nd == \$2, + x2 + ... + sin

(5) Sum = forting (4)

2) models/equations for Neural Networks?

learning and aption ?

- desired output y- error $e = \frac{1}{2}(y - \hat{y})^2$ - err

ws' = ws - R de (eg. 0.1) In Haskell: WS = minus (multor & dw) as' = as (-) (k <) dur)

(Syntache Sugar)

(Syntache Sugar)

b) layer

matrix

xecta

vecta

xecta

a = asoxs rectar mat/rectar

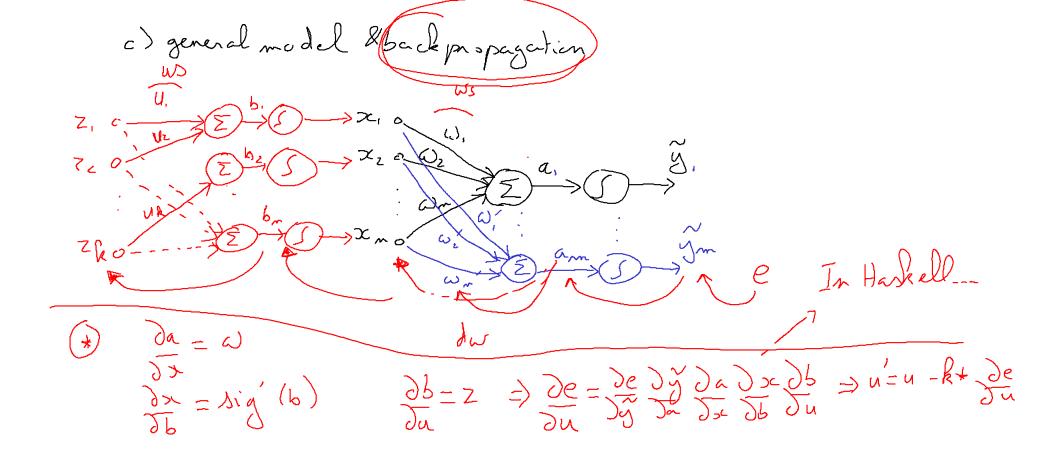
y = signed a

6 = ...

De _ __

Ja

Jw = .--



3) results/deno?