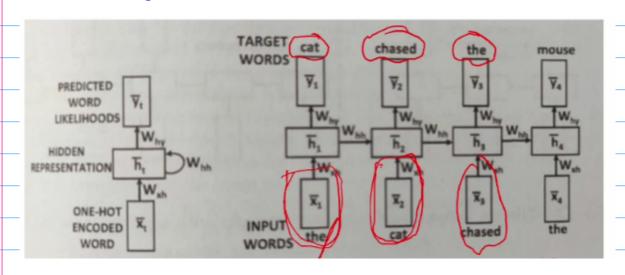


Developa model But that's stupid Sqoz depends on the feature vector of the day 902 so we do and build a model does not defend on day before 's But os per financial State expects , diff number of days on lequired! => early model for # of days? TF?

## Another problem

## The cat chased the .....

now the issue is the later words can influence the zentence



() + chased = the

The essence of the fremions of that

input that

the coount input hundron

remains

the f(h, x,)

f(h3, x,)

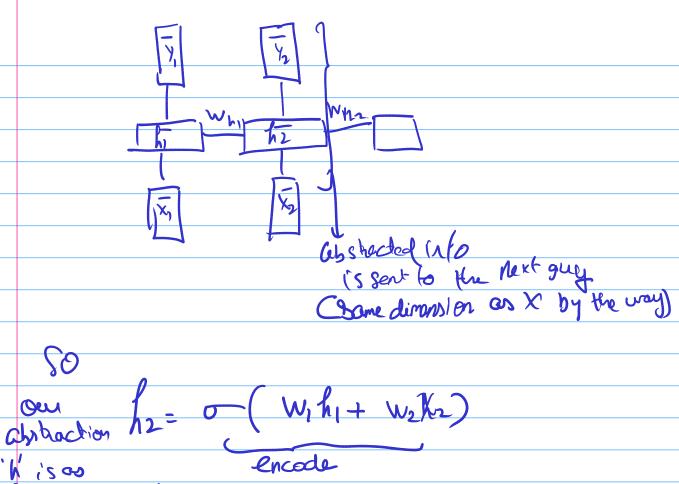
some

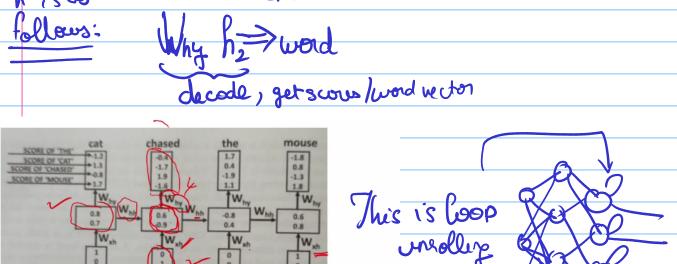
f(h1, x2)

f(h2) x3)

If you believe that this I must be the Some

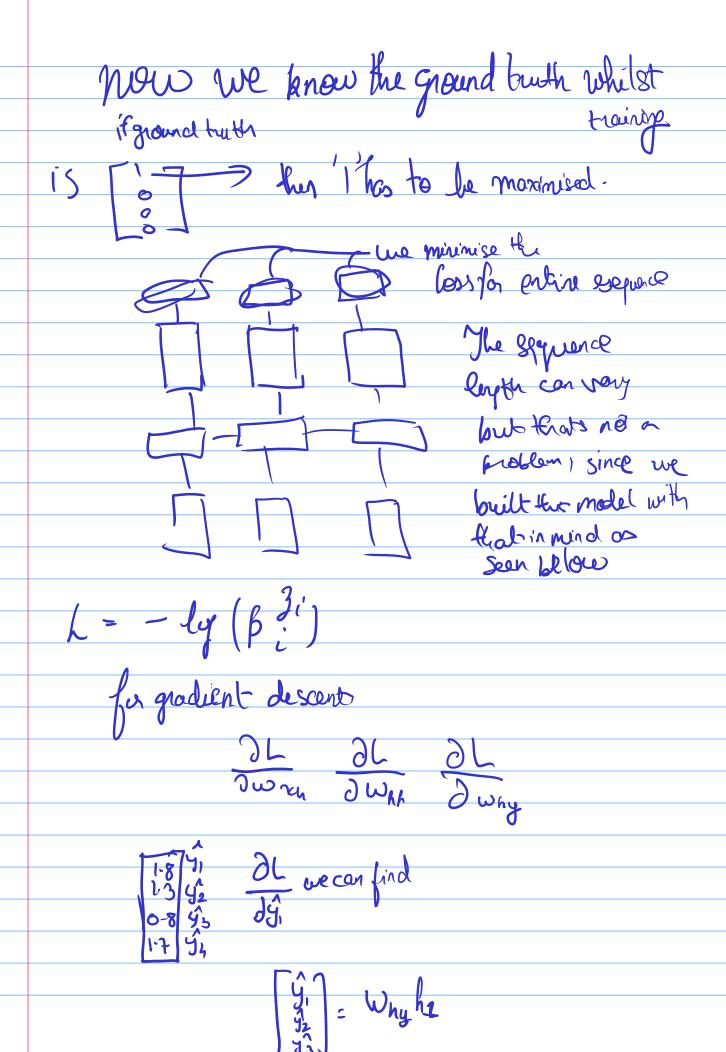
freedritchend the position of input in the sequence only on position by assuming that the function is some





 $\frac{1}{h_t} = \tanh\left(\frac{w_{xh}}{x_t} + \frac{h_h}{h_{t-1}}\right)$   $\frac{1}{h_t} = \frac{1}{h_t} \frac{1}{h_t}$ 

ht = tanh ( wxh xt + whn ht-1)



: g RhX
h Saccumulated evior also g<sup>(2)</sup> x<sup>(2)</sup> Cso we get enwit ple - (ye ( \v xy hh) how to maintain With the be the same? Similar to CNMs <u>al</u> al al al al (Referrates)  $\frac{\partial L}{\partial \omega_{x_n}} \frac{\partial L}{\partial \omega_{x_n}} \frac$  $\frac{\partial L}{\partial \omega_{k}} = \frac{\partial L}{\partial \omega_{k}} \times \left( \frac{\partial \omega_{k}}{\partial \omega_{k}} + \frac{\partial \omega_{k}}{\partial \omega_{k}} \right) \times \left( \frac{\partial \omega_{k}}{\partial \omega_{k}} \right)$  $\omega_{x_{n}} = \omega_{x_{n}} (1) = \omega_{x_{n}} (2) = \omega_{x_{n}} (3) = \sum_{n=1}^{\infty} \frac{1}{2} (2) = \sum_{n=1}^$ RNN -> Recurrence