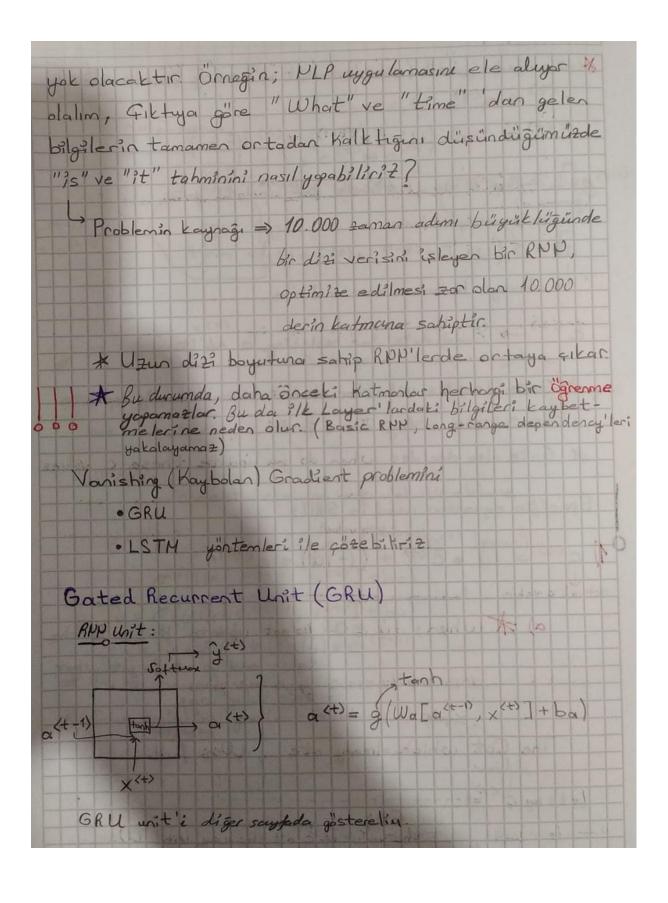
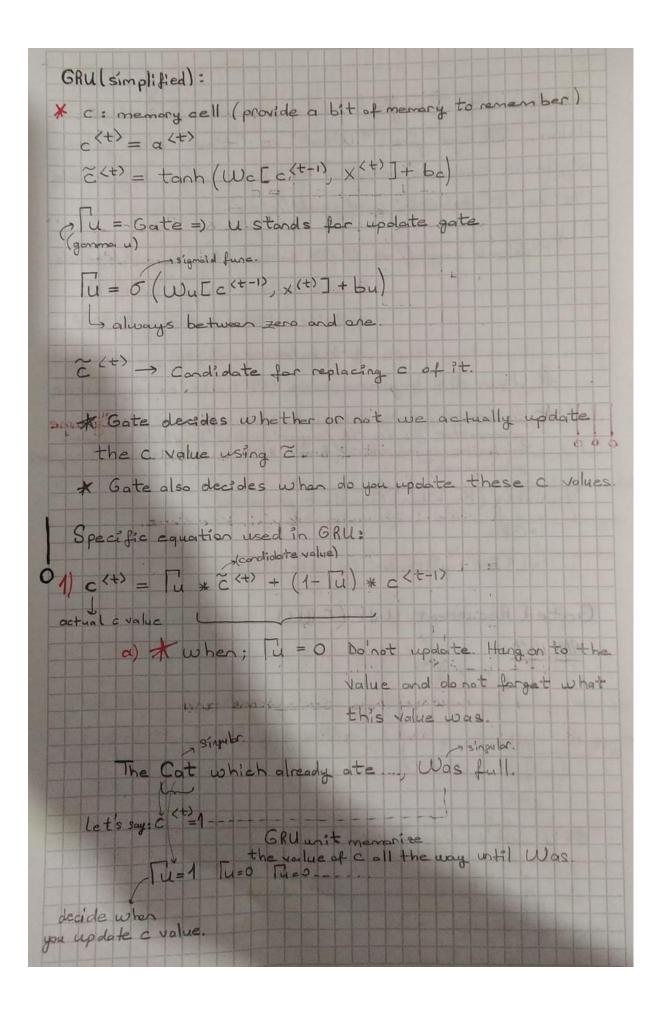
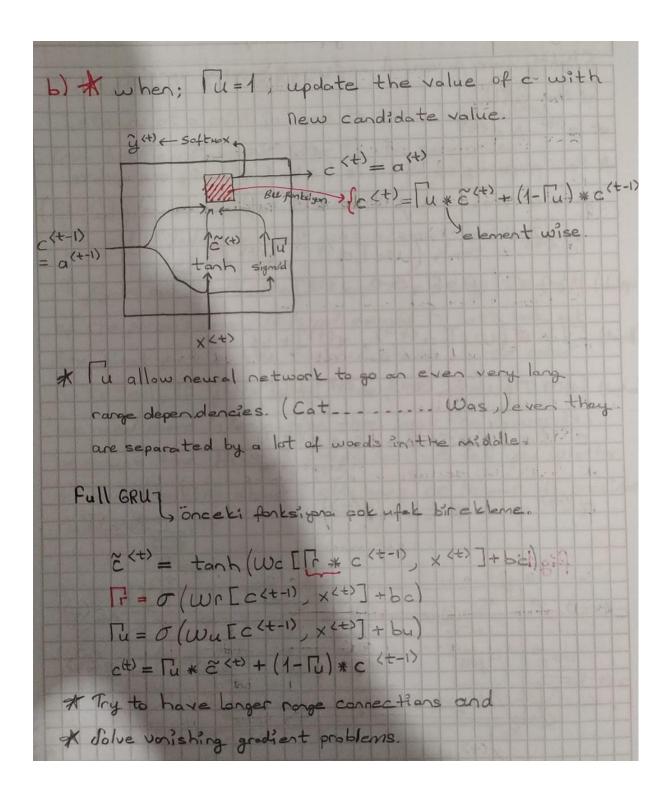
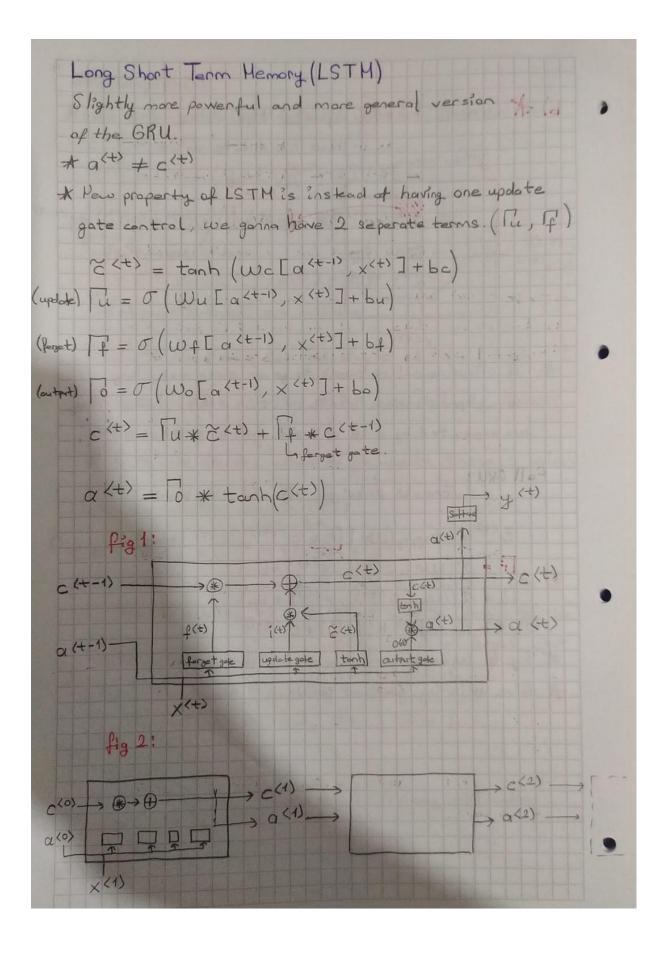


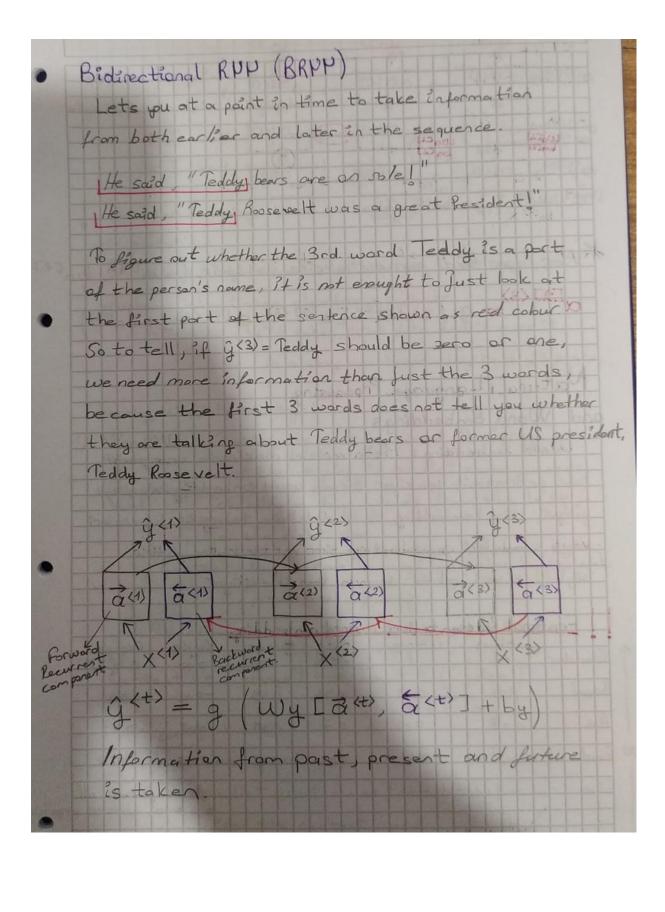
Sequence Generation Character-level longuage model veya ward-level longuage madel ile yopilabilin Pews Shakespeare Shakespeare ile train edersek "The mortal moon -Ly Modeli haber-ler ile train ederseki, gibi bir sey generate edilebilir. "President says - "gibi cumle generate etmes! gok muhtemel. Vanishing Gradients Vanishing gradient => your gradients get smaller and smaller in magnitude as you back. propagate through lower layers Her katmandan gegerken birat da ha düsecek olan bu gradyan degerleri, baştaki Katmanlara doğru sıfıra Hakinsonaya baslar, ve yapay sirir agi bgrenemez hale gelir. (Gradients with respect to weights in earlier largers of the network becomes really small) Exploding gradient => Worlshing gradient probleminin tarn tersidir. 1 If we multiply a bunch of terms that are all greater than one, we garna get samething greater) Backprop ile birlikte agirlikların yok olmasından dolgunik RMV de vanishing gradient problemi ile karrilarmak gok dasider. Her bir katmandalei agirliklar Zincir Kurale "verinden ayarlandığından, gradient değerleri geriye" dogru îlerledikçe katlanarak küçülecek ve sanunda

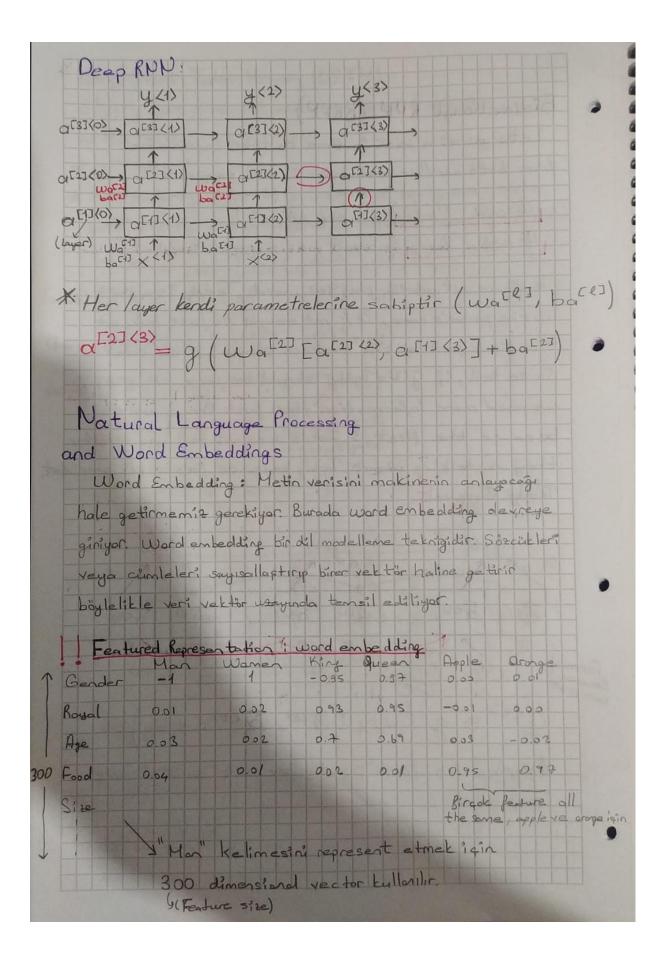












Apple ve arange nin feature larum benser almass, ögrenne
algoritmasını işini kalaylaştırır. Örneğin;
+ I wont a glass of aronge Juice J. Generalize. + I wont a glass of apple Juice
* I want a glass of apple Juice
1 Transfer learning Word embedding de ska kullanılan
bir metot'dur.
1 2D dimension da Visualize etnek için (word leri) ve
gruplamak için t-sne algaritması kullonılır.
4 it takes 300-1 data and it maps it.
in a very non-linear way to a 2D space.
Learning Word Embeddings:
1) Word 2 Vec: Taking as input one word like "arage" etc. Algorithm and then trying to predict same words
Hodel skipping a few words from the left of or the right side. Context: Kaç kelime ve hongi kelimeler kullonlarak
prediction yapılacagı.
4 Skip- Gram modelde, just one word kullander
DF Context c ("orange") -> Target t ("Jurce")
Target t (" my")
Take input one word
4 predict what comes little bit before or
after the context word.
Pot => 2 forkli Word2 Vec yaklasımı vardır, biz Skip-Gram'e isledik, (Dizeri de CBOW'dur)

