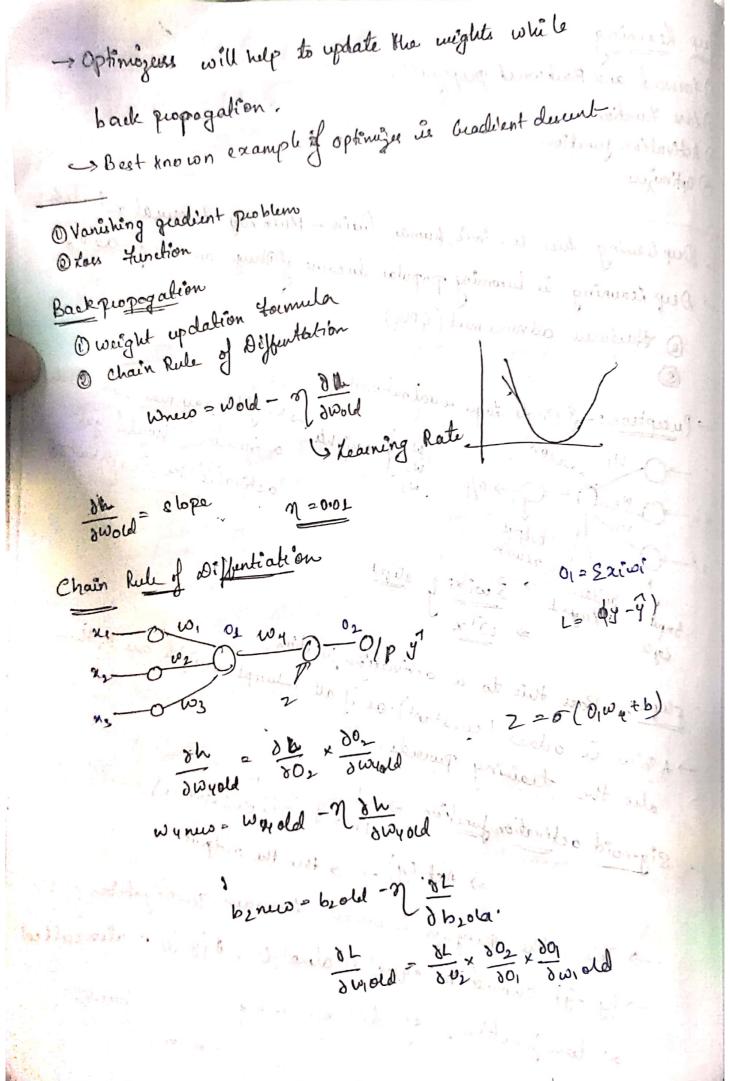
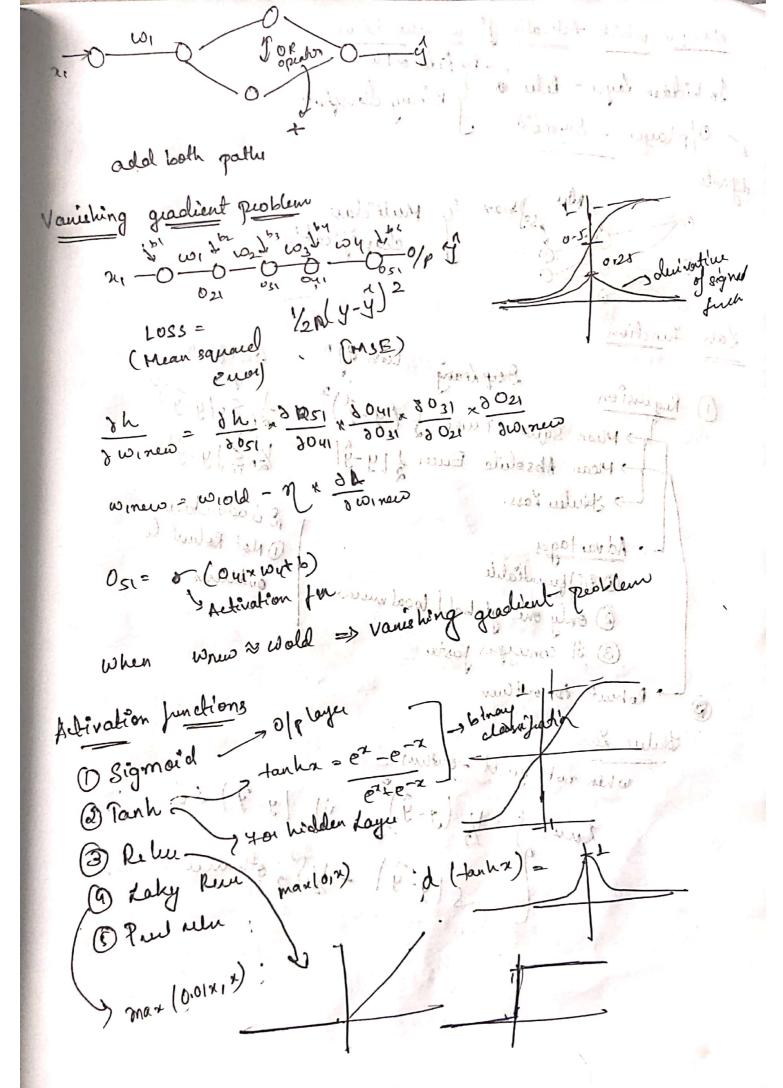
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-> This where projects is called to almost O. 1 (y-y) is also called
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This white projects is called to almost 0. \$ (y-y) is also called -> (y-y) should be equal to almost 0. \$ (y-y) is also called
→ {y -9} should be equal to a huge me do back ous loss junction. If differer is huge me do back propogation.
ais loss function.

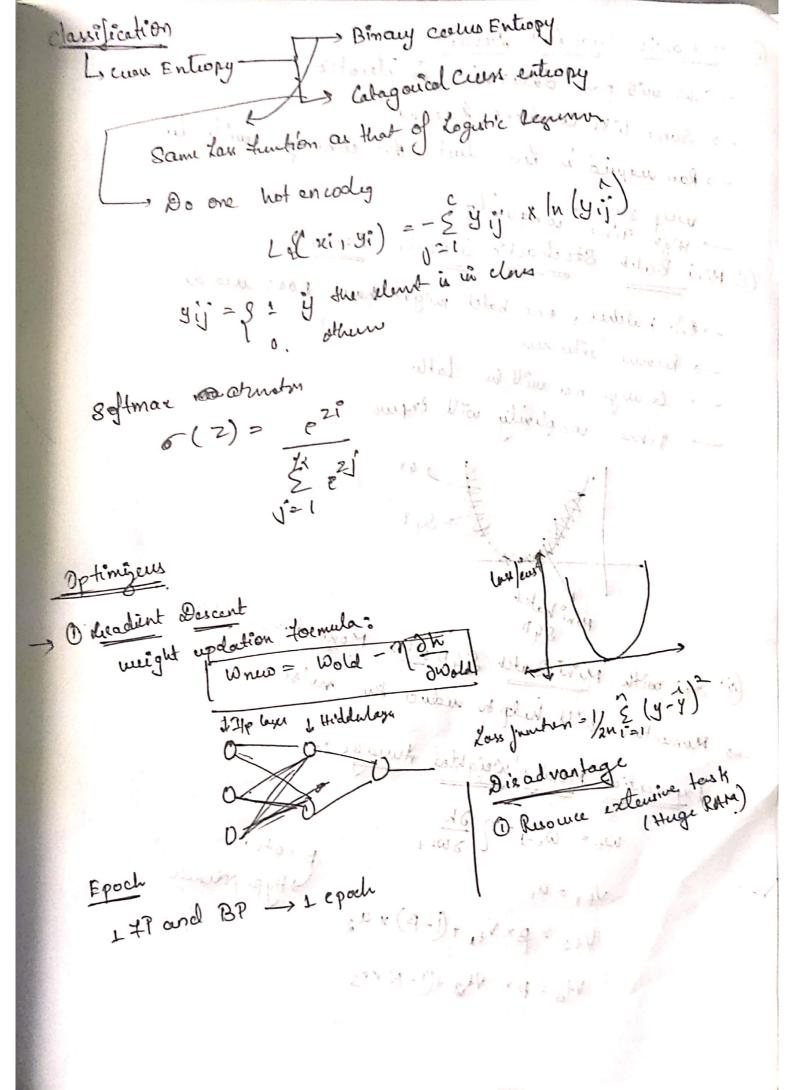


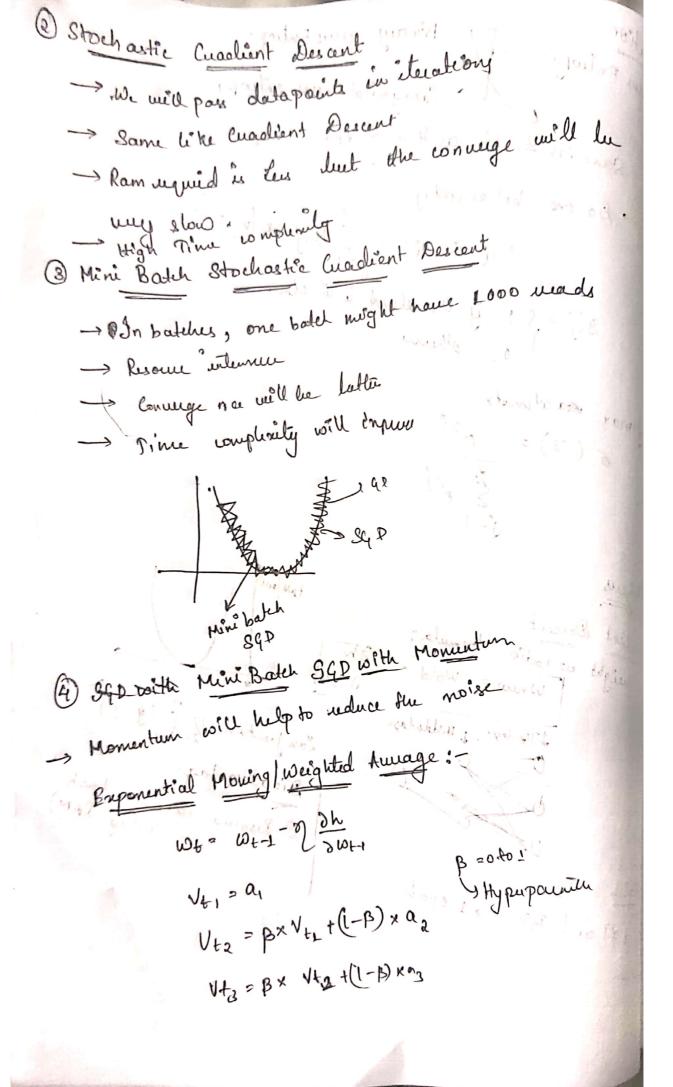


Technique which Adivation I" we should use In hidden layer - Relu & & Binary clarifiation 2 Oplayer - Sigmoid definte softmax ? Multidais classification Dupting loss of " Los Lunction > Mean Square Burse & (y-y)2 an & (y-y) -> Mean Absolute Ever 2/4-9/ Advantages

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(- Advantages 1 Diffiundiable 3 It conveges jostes - Robert to outlier Helm Yes when not puret - outins / Luis 5 1/2 (y-9) 3 (y-7) 58 8 14-91 - 1/5° othere





wt = wt-1 -7 Vdw

Van = Bx 10/1 w = 1+ (1-B) x QL

BAdagrad - Adaptive Cuadrent Descent

-> Lawing Rate is not constant

Tate might known my avoid divide by avoid divide by

de = \frac{t}{200t} \frac{3L}{3Wt} \frac{20}{100} \frac{100}{100} \frac{100}{1

6 Adadella and RMS Jup

n'= n Exponential awage Sdwt=BxSdwt-1+(1-B)(0h)

Adam Optimizer

Monutum + RMS purp

NOM- BXNOM-1+(1-A)& L