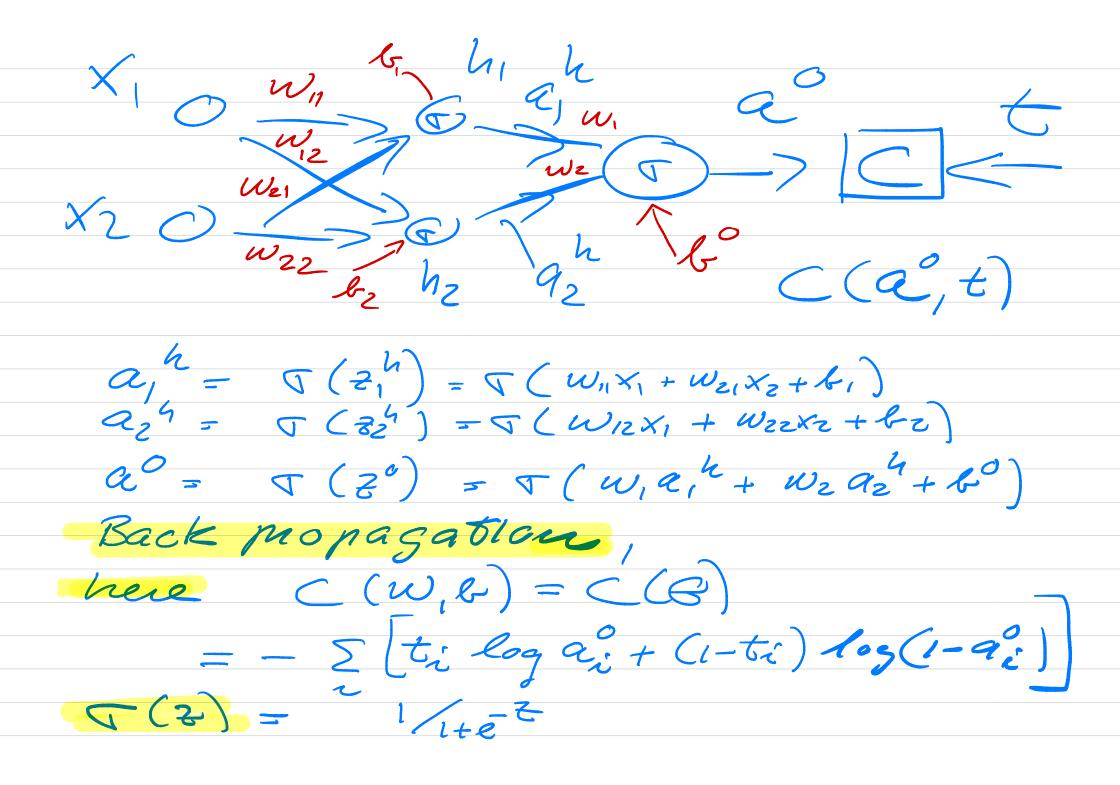
Fys-stk3155/4155, the back propagation part for project 2 and exercises weeks 43 and 44



chain Dwi, nuce Dan DEN Dwij L = output Mautograd or hand code) dervative of activation function, here Sigmad naid follows the py T'(Z) 5 T(Z) (1- T(Z) an- on' an (1-9n)

Back monaga tron Se = 5 Sk Wx J (28) Gradient descent we - y/5, ap t, e t, - 45e 2 gradients

convenient to start with plain quadrent descent.