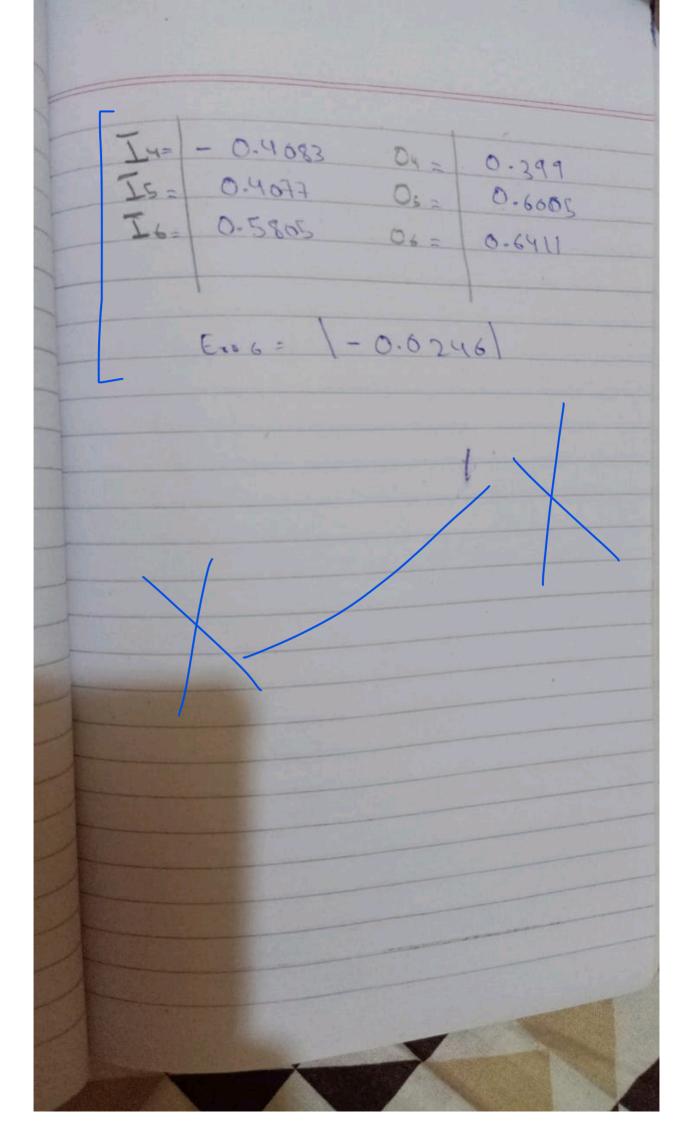
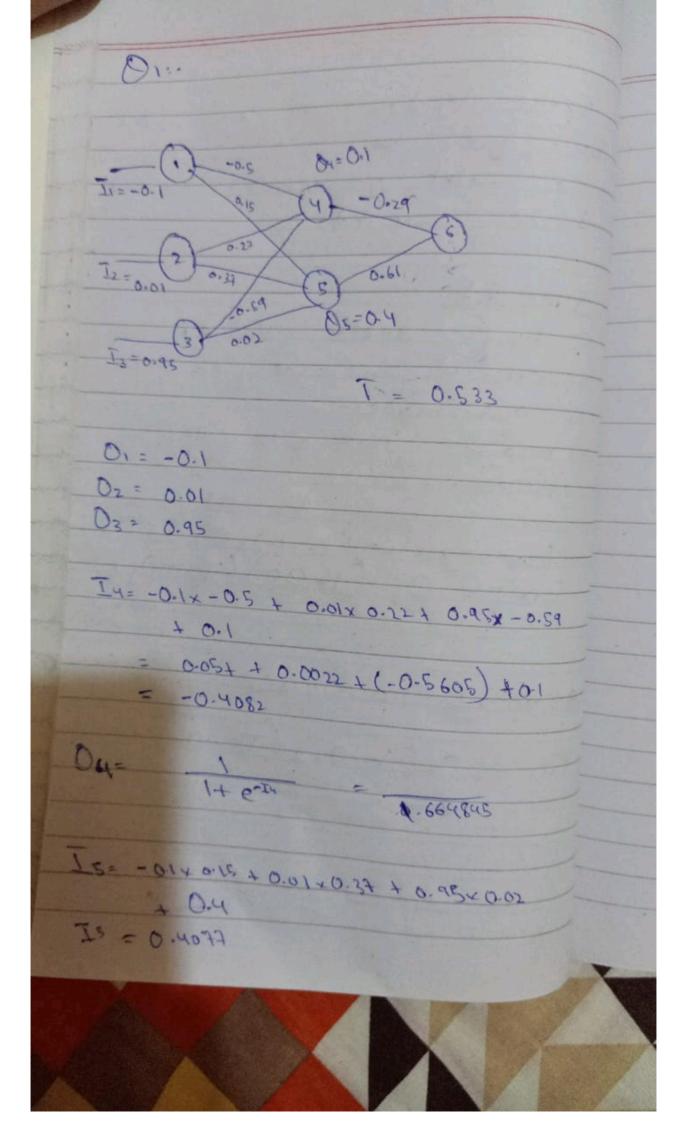
plata should be data should be normaliza (-1,1) Jother then thege date medial noting MUN actividen Sundan T a give weights to every input. - multiple included input and weights and then sum all values -) weight is given by connectors. -) Activation Function is the bouleness regression (Actuation Lothus) - data should be normalize between (1 to 1) -to (1 of 1) Simplest Neuron: Single Perception only one herian is use one capability to give some adout.

-> input layer: > informal layer Midden layer: -> ordered byers Deep Learning: no . of hidden layer use -- increase time complexity -> us of Tredden layer is the dept of deep bearing-Drawback > interpertation is list is not Quidestordabe-Advantage. to model should be known as interpretation of output is reeded

-> Tese iteration will run until case and the model give error less the decide threshold. treshold: Any deside value, the error rate which we can bear in our model. -> because nothing is look efficient. -> when comparing treshold with error (we reglect regalive sign) a trust walne of Err; = 0; (1-0;) (T; -0;) mgo for back perpagation according to our examples. Ence = 06 (1-06) (T6-06)



of Ob & To error according to difference. 1 bais is weight were now updated according to error. This is known as back porpagation (learning 45 done on basti 06 to the steps taken from Back porpojet to the final orders. feed forward. porgadia occur, weights and bais will updated:



8/11/21 Artifical Newed Network (Ann) Necessal Network mimic human neutons networkinput destroids 1 axon 2 output -> Take inputs from sensors (input may (output may be give to multiple hourse)

activation function 101 bais -> weight is given according similarly weight is provided sandonly weights and bais. W56 WSS tighes 60 way to blew nodes 0 -> pais

MIP Mutti-layer perceptor if attent 3 thousand layers are gersent in model. intrally, simple input is forward to the autput of its hode then weighted sum of every node is sum up and Value of bais is added and the pass then & value is Soward? next layer as input. In = I, xwm + Izxwzu + Ixwx + Ox 11014 Ou = suppose Oo (Small output) is 0.33
and To (Treget (actual output) is 0.33