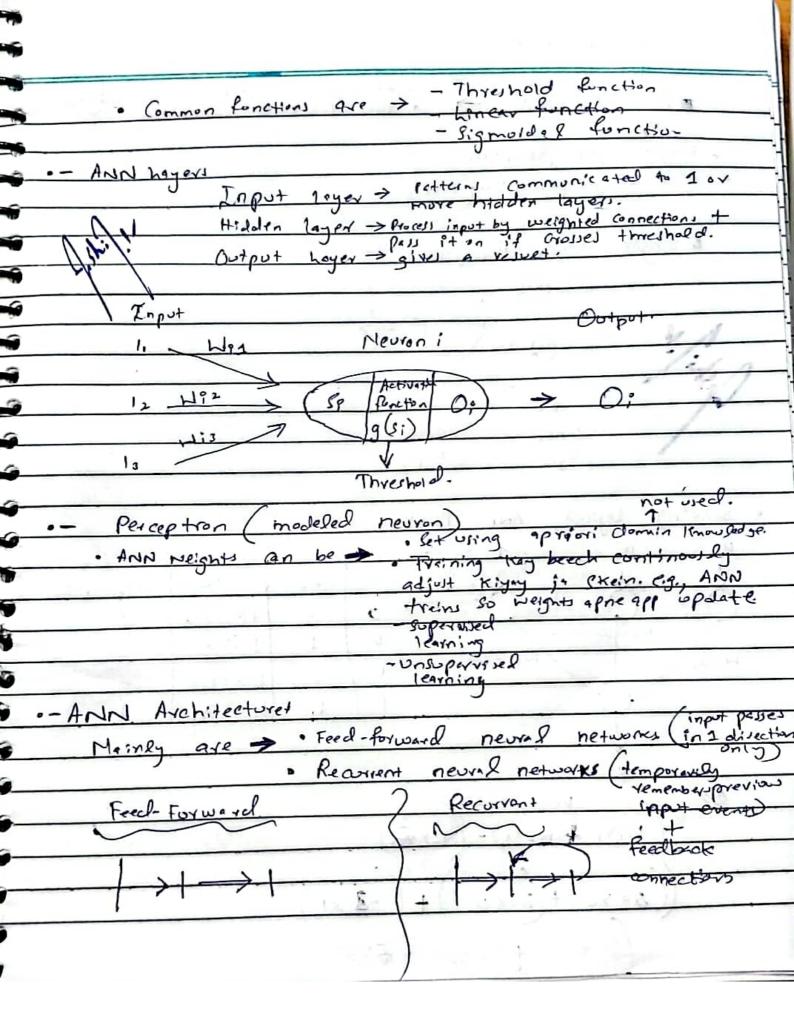
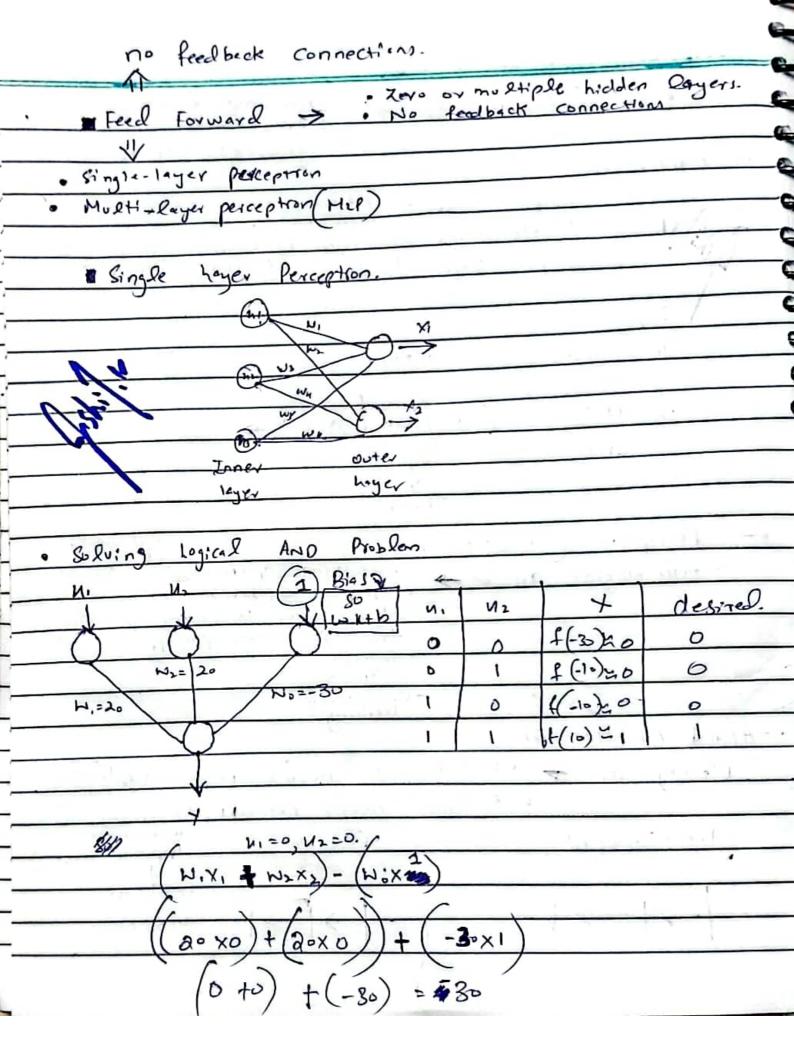
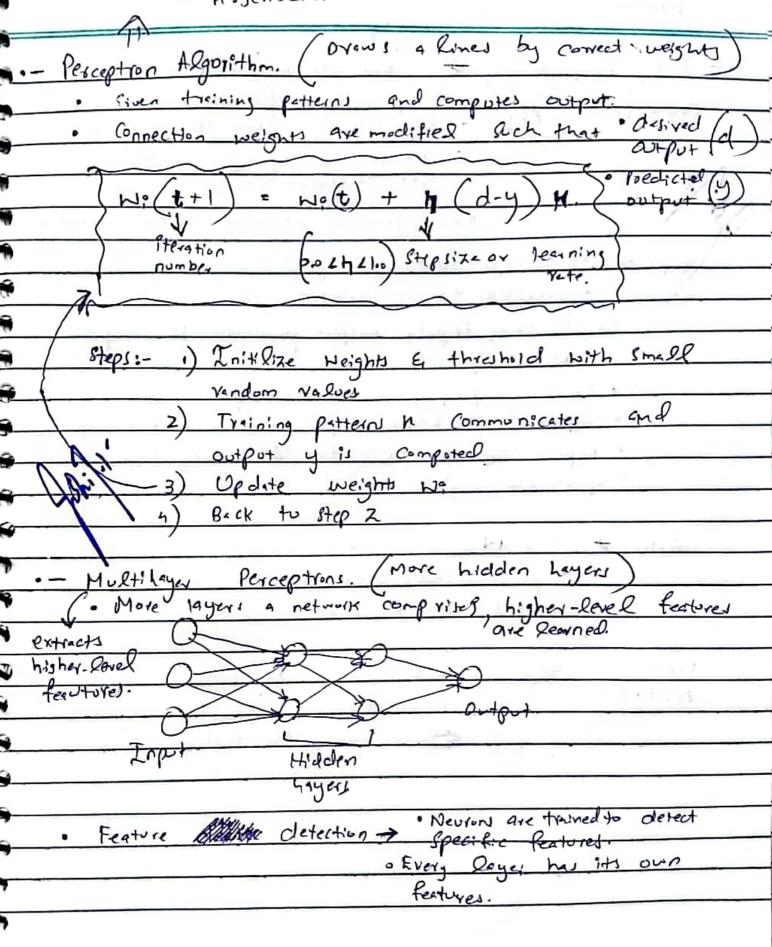
Artificial Neurol Networks (ANN) Brain is blological neural networks Consisting of neurons approx 100 billions neurons) -Together neurons form a network and Communicate through electro-chemical signals. - Sende & receives signals from other neurons through Connections called synapses. AMASSILA - Each neuron sends & receives 104 of synapses. Neural Networks can be used for classification, clustering & numeric prediction task. Deep Learning (Norbert Wiener) STUDY regulation mechanism ivi Output Ardden Input hayer. Activation Punction (function decides output signed brejon by ye nohi · It uses threshold. It signed threshold syzaide, output bheja lite hy.





deseliped by Frank Riseablatti



Strent. works good with date having of good accuracy outliers.

- Used for both supervised and unsupervised. Neural Networks - How nevre & network Dearns -- Back Propagation -> Room its mistakes.

OR Algo. Output layer ka error calculate

Debta heaving Algo Krys Jata by. Then this error, propagate

reverse layerby legar so has weight ki gets ka andeza hos. to minimize enboy. o Use, gradient descent Steps - All weights rendomly cyssigned. · habelled training deteret in. 3. For every input, output produced is compared with expected output. 5. My Each layer weights nitcalti by · Repeat step 14 +5. Hill 11 hidden layer reached · Update all weights Issues + · Slow · poor local optimum. · needs glot of date. Nav-l => . hack aniety to expean how Networks at is done. · Sometimes Over fitting.