- Og Explain the general model of IMIP and their expressive power.
Ag Explain the general model of MIP and their expressive power.  Montion on algorithm to train them; Anctomy Neuron/Perception:
-General model: Output layer & 16=1 activation function
Imput light Of Pre-activation
- this hope (Xd) Vd d
Montion an algorithm to the harm Anctomy Neuron/Parceptron:  Convered model:  Output layer  Pre-activation  Pre-activation  Anctomy Neuron/Parceptron:  Anction No. 1
layer MLP with finite number of weights.
- Some function perform more efficiently with deeper layer Activation functions: Sigmoid, REIU, sign, tanh
-Back propagation: Optimize neights so me minimize the told loss
1 Chat Regression / Classification)
Gradient descent to update weights: w = w- n Tw L(w), back propagation, is a techique
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- Chain rule essential 15 4 step process: Forward pass > Output sensitivity >>
- Chain rule essential 1) 4 step process: Forward pass > Output sensitivity > Hidden layer sensitivities -> Weight gradients: $\frac{\partial L_n}{\partial W_{ij}} = \delta_{n,j}^{(l)} z_{n,j}^{(l-1)}; z_{n,j}^{(l)} = h\left(a_{n,j}^{(l)}\right)$ Previous Sensitivity
Previous Sensitivity of neuron
Activation —
The later way
C = continious.