NN cont (85) - last time we had a wrights sum from Ar in pur layer activations + Mr wrights on the connection from input layer to the our neuron Unt corresponds to a tos + Conbrany -but we wat oil (normalization) common my is signoid $6(x) = \frac{1}{1+e^{-x}}$: $\frac{1}{-n}$ - non all numbers give as input ir 96 will be a number o-1 6(w, as + waaz ... un an) - so the activation of mf: = Dactivation For cape i) how positive or how large for 10-11 is the weights som after imputed to signsoid fure: - BUT maybr you want AA nervon to light up when Sam is >10 and not 10. A for ex fan ny nord some bias for activition so he can just all some meg number before plaging the sigmoid Ex E (w, a, + m, a, ... m nan-10), bin) Wrights tell you what pixel patripers the neuron in sppond layer

Bras tells you have high neighbod she needs to be Be Breter the neuron starts getting meaningfully action and can 36 count as a edge