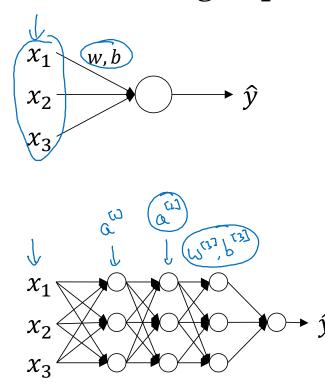
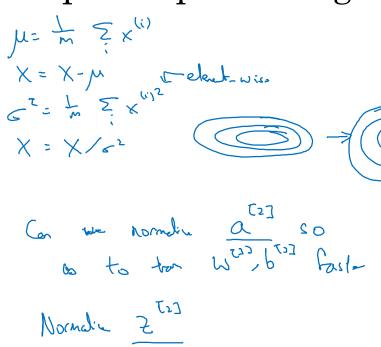


## Batch Normalization

Normalizing activations in a network

## Normalizing inputs to speed up learning





Andrew Ng

## Implementing Batch Norm

some intermediate values in μ: m = 2(i) 

not suitable for signoid instel of Elli) don't want the hidden units to always have mean zero and variance one Andrew Ng