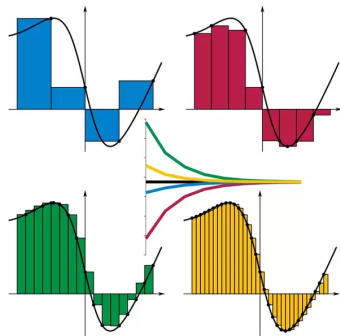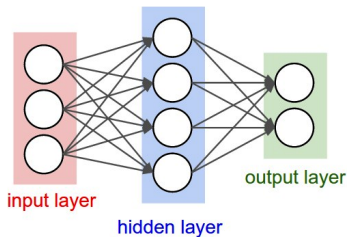# NNs: Universal Approximators

- A neural network with a single hidden layer (possibly huge) can approximate any continuous function to any precision.
- (Nothing claimed about learnability.)

https://www.quora.com/How-can-a-deep-neural-network-with-ReLU-activations-in-its-hidden-layers-approximate-any-function