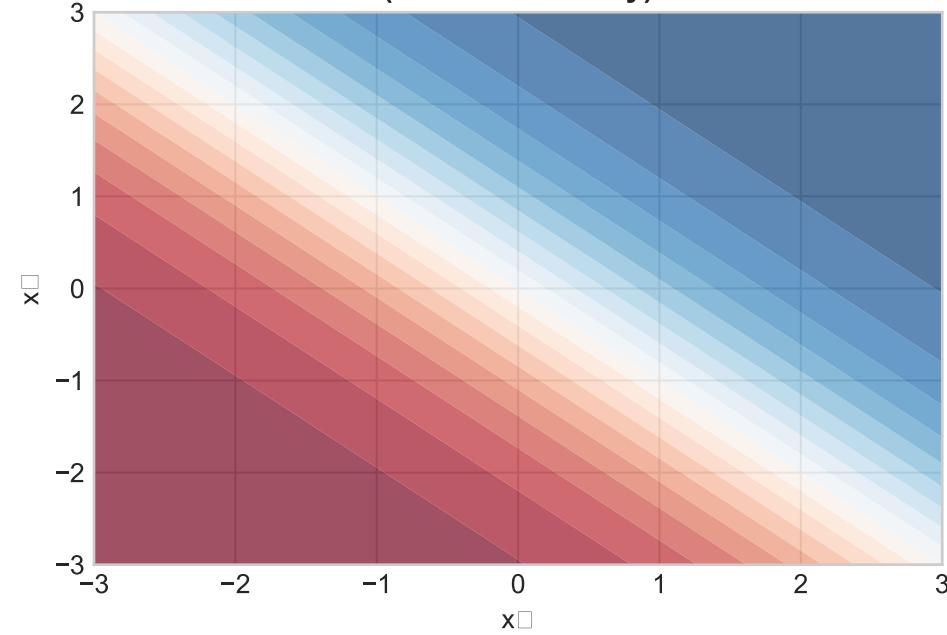
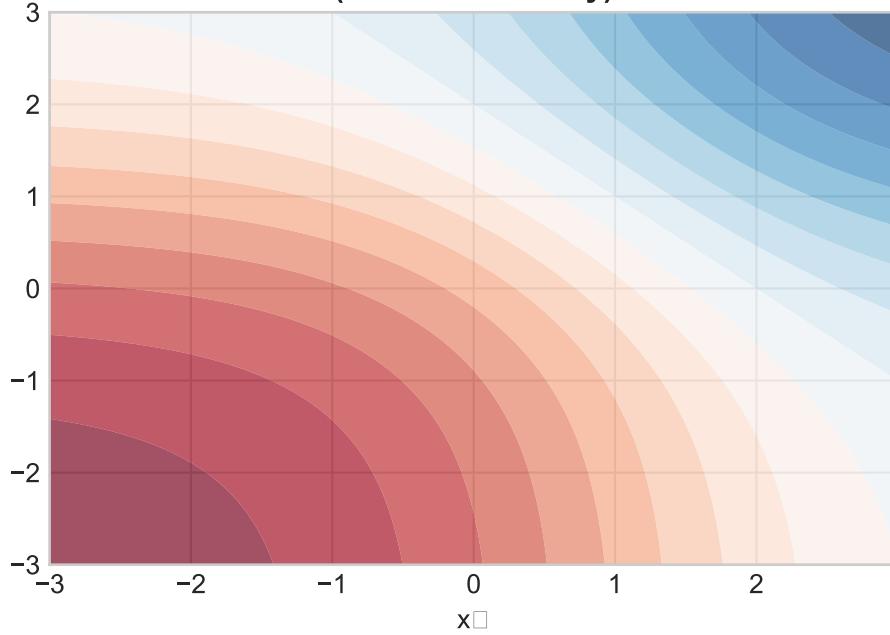


How Network Complexity Grows with Neurons and Layers

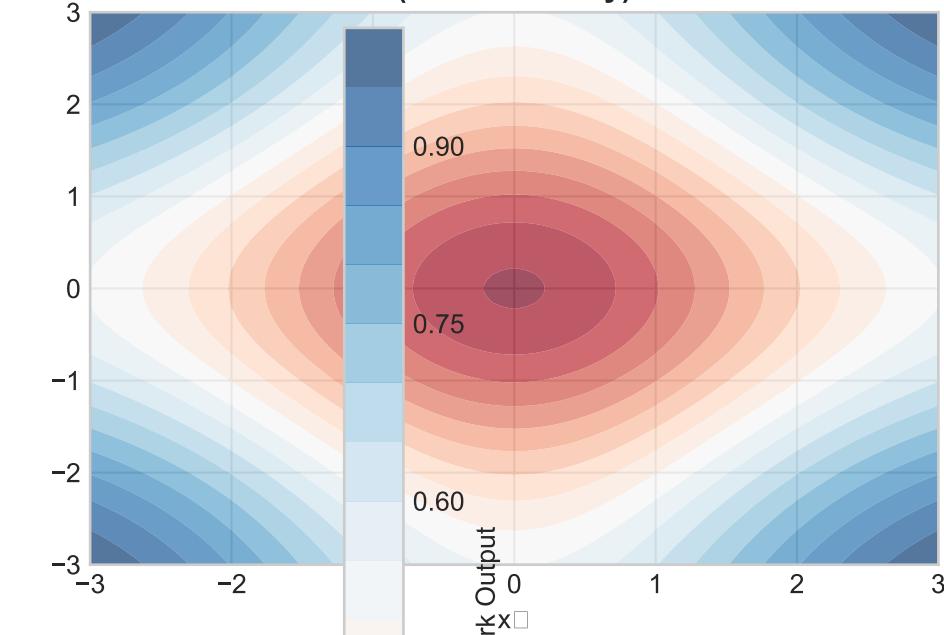
1 Neuron
(Linear boundary)



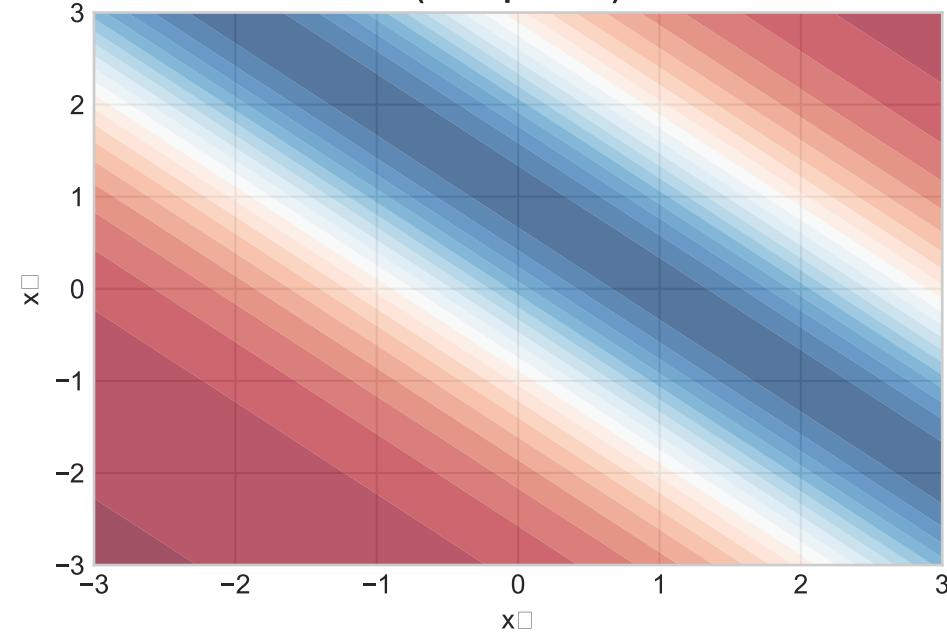
2 Neurons
(Corner boundary)



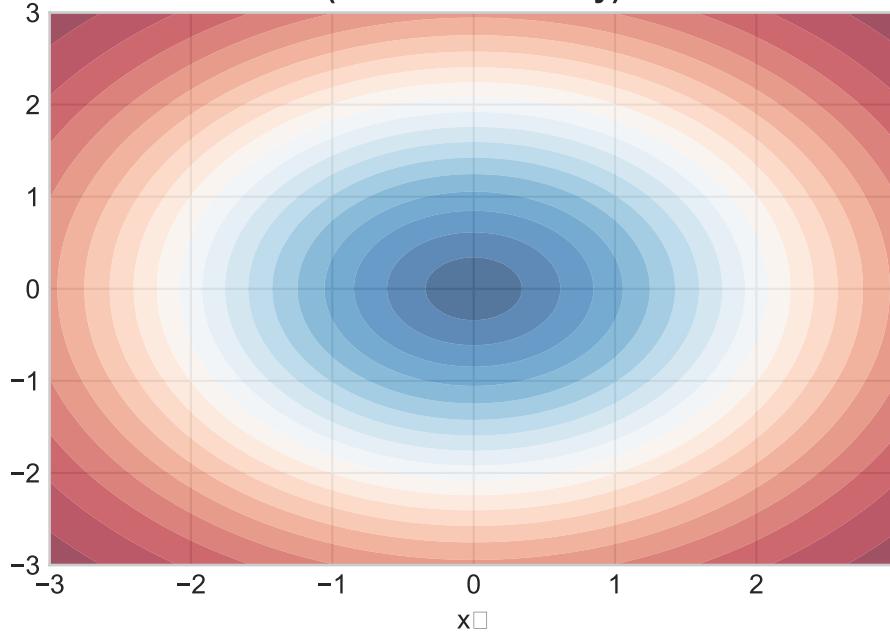
4 Neurons
(Box boundary)



2 Hidden + 1 Output
(XOR pattern)



Many Neurons
(Circular boundary)



Deep Network
Complex pattern

