

# What Hidden Neurons Learn to Detect

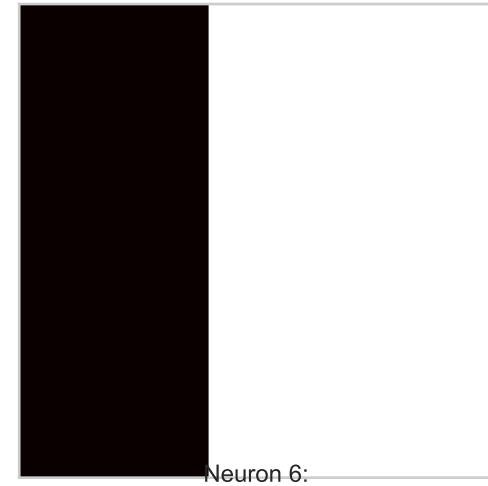
Neuron 1:  
Vertical

Neuron 2:  
Horizontal

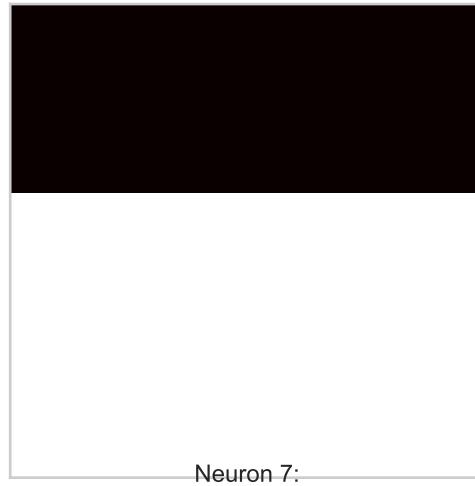
Neuron 3:  
Diagonal

Neuron 4:  
Anti-diag

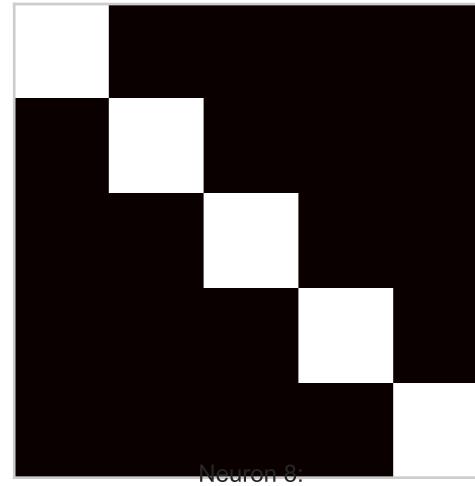
Neuron 5:  
Box



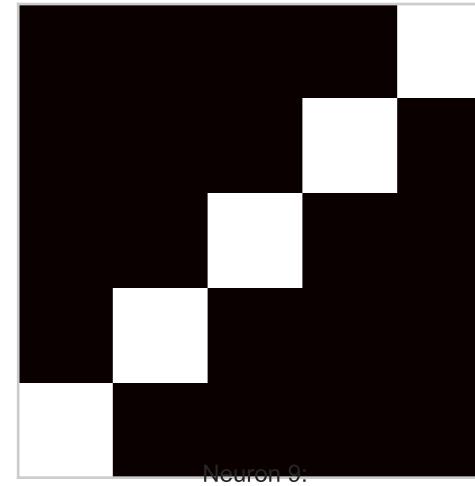
Neuron 6:  
Curves



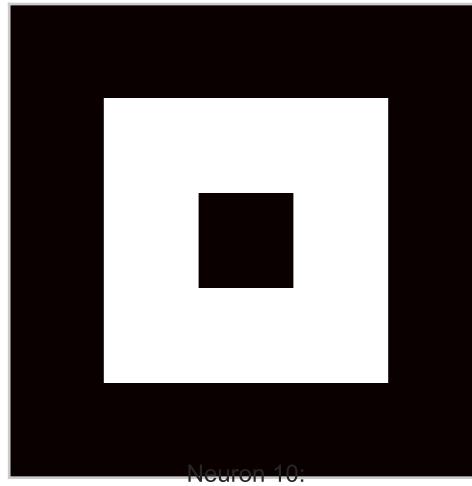
Neuron 7:  
A-pattern



Neuron 8:  
B-pattern



Neuron 9:  
T-pattern



Neuron 10:  
X-pattern

