

Chapter10 Convolutional Neural Network

1. Can the network be simplified by considering the properties of images?
 - a) Some patterns are much smaller than the whole image
 - b) The same patterns appear in different regions
 - c) Subsampling the pixels will not change the object
2. Convolution → Max Pooling → Convolution → Max Pooling → Flatten
3. Property 1 and Property 2 are used in the course of convolution and
Property 3 is used in the course of max pooling
4. In convolution, both non-fully connected and shared weights lead to
less parameter
5. Alpha Go didn't use max pooling