Answer the following questions and submit a pdf file with your answers in one week.

1. Why do we apply convolution in neural networks?
2. How to do parameter sharing in CNNs?
3. Why can we consider convolution and pooling as an infinitely strong prior?
4. What differences do local connections, convolution, tiled convolution and full connections have?
5. How do convolutional networks emit structured outputs?
6. How to perform efficient convolution algorithms?