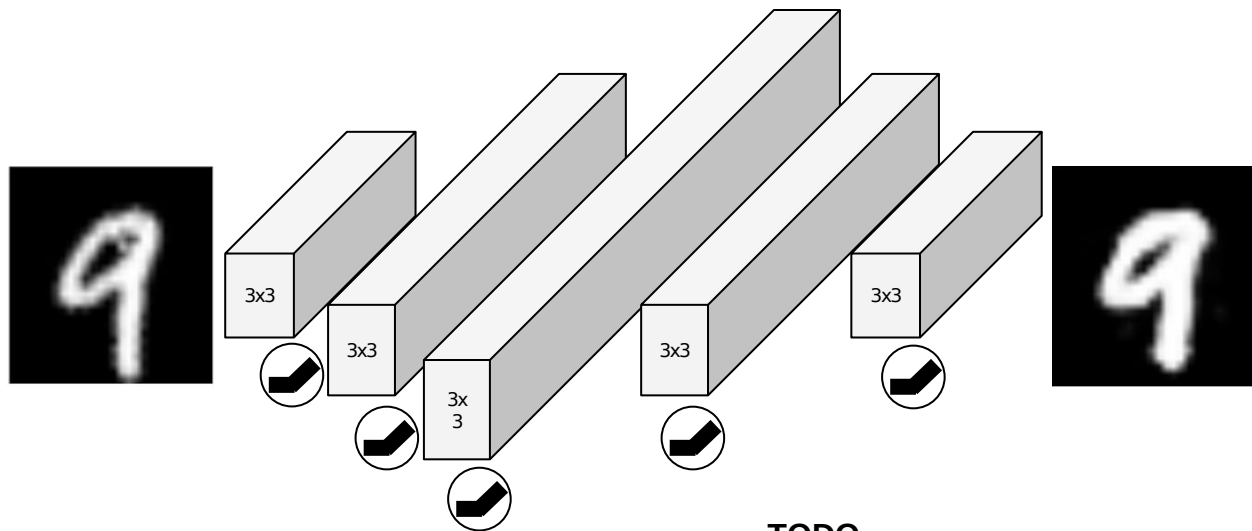# Convolutional Autoencoders

MNIST
CIFAR-10
CK+

You know
- Backpropagation
- Gradient Descent
- Python

TODO
1. Literature review (Autoencoders)
2. Design the Conv. Autoencoder +Classification network
3. Pre-train the network
4. Initialize classification network using encoder weights
5. Compare performance with random initialization