# Chapter ML:IX (continued)

## IX. Deep Learning

- ❑ Elements of Deep Learning
- ❑ Convolutional Neural Networks
- ❑ Autoencoder Networks

- ❑ Recurrent Neural Networks
- ❑ Long-Term Dependencies
- ❑ RNNs for Machine Translation
- ❑ Attention Mechanism
- ❑ Self Attention and Transformers

- ❑ Transformer Language Models