ANNDA - Lab 2

Niels Agerskov, Lukas Bjarre, Gabriel Carrizo

December 2017
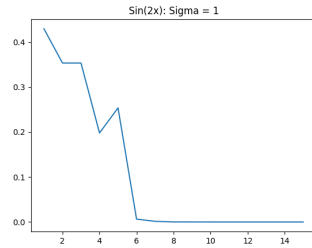
1 Batch Mode Training

In this part of the lab we trained an RBF network to approximate two functions:
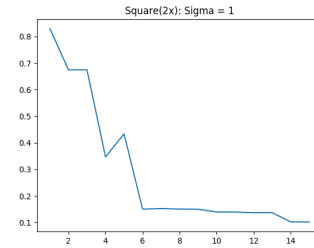
$$f_1(x) = sin(2x) \tag{1}$$
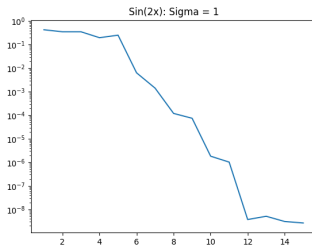
$$f_2(x) = square(2x) \tag{2}$$

Where $x\epsilon[0, 2\pi]$ which is sampled with a step sizeof 0.1. The function is consequently tested with $x_{test} = x + 0.05$.
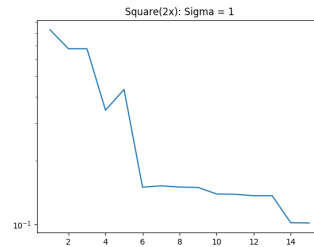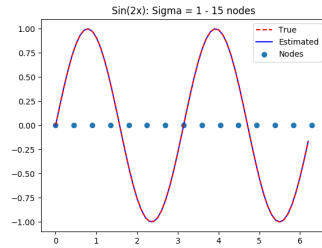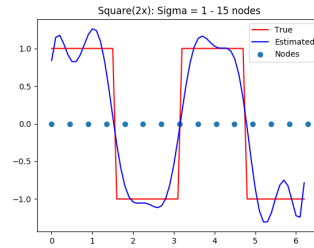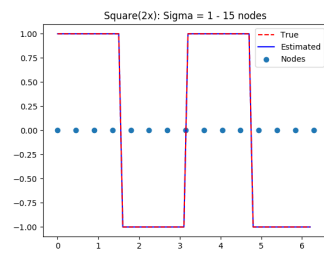

(a)

(b)

(c)

(d)

(e)

(f)

2

(a)

(b)

3