
Assignment 4 - Solution

[Please insert your name]

Exercise 1: Inconsistent Systems of Equations

(a)

(b)

Exercise 2: Comparison of Polynomials Models for Least Squares

(a)

(b)

(c)

(d)

(e)

Exercise 3: Analysis of Periodic Data

(a)

(b)

(c)

Exercise 4: Linearization and Levenberg-Marquardt Method for Exponential Model

(a)

(b)

(c)

Exercise 5: Tikhonov Regularization

(a)

(b)

(c)