

Stochastic Methods

Academic Year 2020/2021

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Assignment 4 - Solution

[Please insert your name]

Exercise 1:	Inconsistent	Systems of	Equations
(a)			

Exercise 2: Comparison of Polynomials Models for Least Squares

(a)

(b)

- (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
Exercise 5: (a)	Tikhonov Regularization
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(a)	Tikhonov Regularization