Title of the project

for the Bachelor of Science (General) Degree
By
Name
Index No

Supervisor:
Names

Department of Mathematics
University of Ruhuna
Matara.

2014

Acknowledgment

First I would like to thank.....

Abstract

This project carries out the objective of finding...........

Contents

List of Tables

List of Figures

Chapter 1

Introduction

1.1 Background of the study

This chapter is not intended to be a comprehensive manual of MATLAB 5757 α Our sole aim is to provide sufficient information to give you a good start [1, 2]. If you are familiar with another computer language, andwe assume that youare, it is not difficult to pick up the rest as you go[5].

1.2 Objectives

1.2.1 Major Object

MATLAB has other advantages over mainstream languages that contribute to rapid program development:

   i MATLAB contains a large number of functions that access proven numerical libraries, suchasLINPACKandEISPACK.Thismeansthatmanycommontasks (e.g., solution of simultaneous equations) can be accomplished with a single function call.

  ii There is extensive graphics support that allows the results of computations to be plottedwith a few statements [1].

E	A	B
C	0	1
D	2	3

Im Projects [**?**]

Chapter 2

Problem Statement

2.1 Minimization Along a Line

Before a minimization algorithmcan be entered, the minimum point must be bracketed. The procedure of bracketing is simple:

aaaaaaaaaaaaaaa

2.1.1 Bracketing

Chapter 3

Methodology
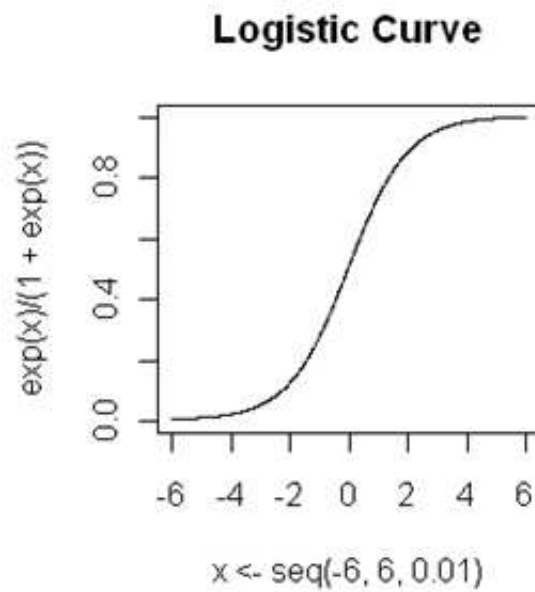
3.1 Bisection Method

Figure 3.1 shows that ....

Figure 3.1: Logistic Regression curve

We can insert a Table......

Literature reported values for the parameters are given in the Table 3.1.

parameter	value	unit
b	4	km
c	2	g

$$\sqrt{s} = 5$$

$$\underline{a} + \underline{b} = \underline{0}$$

$$\int_a^b f(x)dx. \tag{3.1}$$

Chapter 4

Discussion

4.1

Chapter 5

Conclusion

5.1 Summary

In this report chapters were ordered as follows. First chapter included

Appendix

Maxima Codes

Bibliography

[1] A. Abta, A. Kaddar, H. T. Alaoui; *Global stability for delay SIR and SEIR epidemic models with saturated incidence rates*, Electron. J. Differ. Eq. **2012** (23) (2012), 1–13.

[2] W. G. Aiello, H. I. Freedman; *A time delay model of single-species growth with stage structure*, Math. Biosci. **101** (2) (1990), 139-153.

[3] R. M. Anderson, R. M. May; *Infectious Diseases of Humans: Dynamics and Control*, Oxford University Press, Oxford, 1998.

[4] S. Busenberg, K. Cook; *Vertically Transmitted Diseases, Models and Dynamics, Biomathematics 23*, Springer-Verlag, Berlin, 1993.

[5] X. Zhou, J. Cui; *Stability and Holf bifurcation analysis of an eco-epidemiological model with delay*, J. Franklin Inst. **347** (9) (2010), 1654–1680.