Title of Thesis

(Subtitle)

Prepared by:

Student Name

A thesis submitted for requirements of the degree of Master of Science [Field]

Supervised By:

Dr. First Supervisor (advisor)

Scientific Rank

Dr. Second Supervisor (Co-advisor)

Scientific Rank

COLLEGE OF SCIENCE

UNIVERSITY OF JEDDAH

JEDDAH - SAUDI ARABIA

Muharram 1445 H- July 2023 G

Kingdom of Saudi Arabia
Ministry of Education
University of Jeddah
College of Science
Field Department

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بسم الله الرحمن الرحيم

Title of Thesis
(Subtitle)

By Author:
Student Name

This thesis has been approved and accepted in partial fulfillment of the requirements for the degree of Master of Science [Field]

EXAMINATION COMMITTEE

	Name	Rank	Field	Signature
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External	External Examiner	Scientific Rank	science	
Co-Advisor	Second Supervisor	Scientific Rank	science	
Advisor	First Supervisor	Scientific Rank	science	

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Dedication

Acknowledgment

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Student Name

Abstract

Type Abstract here.....

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List of Symbols

$+$	Addistion Operator
Ω	covariance matrix
α	alpha
θ	Theta

List of Abbreviations

KSA	Kingdom of Saudi Arabia
UNESCO	United Nations Educational Scientific & Cultural Orgnization
UOJ	Unversity of Jeddah
WHO	The World Health Orgnization

Chapter I
Introduction

1.1 Introduction

1.2 Research Problem

1.3 Research Objective

1.4 Importance of Research

1.5 Research Limtation

1.6 Terminology of Research

1.7 Outline Research

Chapter I

Introduction

1.1 Introduction

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to refer chapters and section :

chapter (I), section(1.1) chapter II, sec 2.2,,,

you can refer to page of chapters or section Using `\pageref{}`: page 2

to refer figure and tables :

figure 1.1, table 1.1

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luctus mauris.

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1.2 Research Problem

to insert Figure

An example how to inseret a figure, as shown below

Figure 1.1: UOJ LOGO

to insert Multiple Figures horisntal

Figure 1.2: title of figure

(a) title a

(b) subtitle of second figure

to insert Multiple Figures with vertical space

1.3 Research Objective

to insert Numbered enumerate

Figure 1.3: title of figure

(a) title a

(b) subtitle of second figure

In order to achieve this aim the following objectives have been laid,

(i) Objective 1

(ii) Objective 2

(iii) Objective 3

to insert Bulleted List

In order to achieve this aim the following objectives have been laid,

- Objective 1
- Objective 2
- Objective 1

to insert a simple Table with a caption below

to insert Table with marge cells

entry 1	entry2
entry1	entry 2

Table 1.1 : the firs Caption

Table 1.2 : Binary confusion matrix

Actual class	predicated class	
	Postiave	Negative
positive	TP	FN
Negative	FP	TN

1.4 Importance of Research

1.5 Research Limtation

1.6 Terminology of Research

to insert symbols

$+$

θ

α

Ω

to insert acronyms

Kingdom of Saudi Arabia (KSA)

Kingdom of Saudi Arabia

KSA

Unversity of Jeddah (UOJ) , UOJ , Unversity of Jeddah

United Nations Educational Scientific & Cultural Orgnization (UNESCO)

The World Health Orgnization (WHO)

1.7 Outline Research

The thesis has been organized into five chapters and an overview of these chapters is given below,

i) Chapter1 describes the .....

ii) Chapter2 provides a comprehensive review of .....

iii) Chapter3 presents a .....

iv) Chapter4 deals with .....

v) Chapter5 presents a .....

Chapter II
Basic Concepts and Literature Review

2.1 Introduction

2.2 Basic Concepts and Definitions

2.3 The Literature Review

Chapter II

Basic Concepts and Literature Review

2.1 Introduction

to insert simple equation

This is a simple math expression $\sqrt{x^2+1}$ inside text. And this is also the same: $\sqrt{x^2+1}$ but by using another command .

$$\sqrt{x^2+1} \tag{2.1}$$

$$VI(x_i) = \frac{1}{k}\left[1 - \sum_{k=1}^{K} Gini(i)^k\right] \tag{2.2}$$

$$\Omega = \begin{bmatrix} \sigma_{11} & \dots & \sigma_{J1} \\ \vdots & \ddots & \vdots \\ \sigma_{J1} & \dots & \sigma_{JJ} \end{bmatrix} \tag{2.3}$$

$$y_i = j \quad \text{if} \quad y_{ij}^* = \begin{cases} 1 & \text{if} \quad y_{i1}^* = \quad \max(y_{i1}^*, \dots, y_{ij}^*) \\ \vdots & \\ j & \text{if} \quad y_{ij}^* = \quad \max(y_{i1}^*, \dots, y_{ij}^*) \end{cases} \tag{2.4}$$

to insert equation without numbering

$$VI\big(x_i\big)= \frac{1}{k}\big[1 - \sum_{k=1}^{K} Gini\big(i\big)^k\big]$$

$$\Omega = \begin{bmatrix} \sigma_{11} & \dots & \sigma_{J1} \\ \vdots & \ddots & \vdots \\ \sigma_{J1} & \dots & \sigma_{JJ} \end{bmatrix}$$

$$y_i = j \quad \text{if} \quad y_{ij}^* = \begin{cases} 1 \quad \text{if} \quad y_{i1}^* = \quad \max(y_{i1}^*, \dots, y_{ij}^*) \\ \vdots \\ j \quad \text{if} \quad y_{ij}^* = \quad \max(y_{i1}^*, \dots, y_{ij}^*) \end{cases}$$

$$2x - 5y = 8$$

$$3x + 9y = -12$$

$$2x - 5y = 8$$

$$3x + 9y = -12 \tag{2.5}$$

$$2x - 5y = 8 \tag{2.6}$$

$$3x + 9y = -12 \tag{2.7}$$

2.2 Basic Concepts and Definitions

2.3 The Literature Review

Yu et al. (2018) Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Guerra et al. (2021) The past decades have witnessed tremendous progress in biomaterials in terms of functionalities and applications. To realize various functions such as tissue engineering, tissue repair, and controlled release of therapeutics, a biocompatible and biologically active material is often needed. However, it is a difficult task to find either synthetic or natural materials suitable for in vivo applications. Nature has provided us with the natural rubber latex from the rubber tree Hevea brasiliensis, a natural polymer that is biocompatible and has been proved as inducing tissue repair by enhancing the vasculogenesis process, guiding and recruiting cells responsible for osteogenesis, and acting as a solid matrix for controlled drug release. It would be extremely useful if medical devices can be fabricated with materials that have these biological properties.

It would be extremely useful if medical devices can be fabricated with materials that have these biological properties (Guerra et al., 2021; Yu et al., 2018) .

Chapter III
Title chapter three

3.1 intro

3.2 section

3.3 section

Chapter III

Title chapter three

3.1 intro

$$y = \alpha + \beta x \tag{3.1}$$

Figure 3.1: logo

2	
1	

Table 3.1 : Caption

3.2 section

3.3 section

3.3.1 sub section

Chapter IV
Title of Chapter

4.1 Introduction

4.2 Section

4.3 Section

Chapter IV

Title of Chapter

4.1 Introduction

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

4.2 Section

4.2.1 subsection

new section

heading

4.3 Section

Chapter V
Title of chapter

5.1 Introduction

5.2 Section

5.3 Last Section

Chapter V

Title of chapter

5.1 Introduction

5.2 Section

5.3 Last Section

List of References

Guerra, N. B., Pegorin, G. S., Boratto, M. H., de Barros, N. R., de Oliveira Graeff, C. F., & Herculano, R. D. (2021). Biomedical applications of natural rubber latex from the rubber tree hevea brasiliensis. *Materials Science and Engineering: C*, *126*, 112126.

Yu, S., Long, H., Chang, H. Y.-n., Liu, Y., Gao, H., Zhu, J., Quan, X., Lyu, Q., Kuang, Y., & Ai, A. (2018). New application of dydrogesterone as a part of a progestin-primed ovarian stimulation protocol for ivf: A randomized controlled trial including 516 first ivf/icsi cycles. *Human Reproduction*, *33*(2), 229–237.

Appendix A

Table A.1: A simple longtable example

First entry	**Second entry**	**Third entry**	**Fourth entry**
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

Continued on next page

Table A.1 – *Continued from previous page*

First entry	Second entry	Third entry	Fourth entry
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

Continued on next page

Table A.1 – *Continued from previous page*

First entry	**Second entry**	**Third entry**	**Fourth entry**
1	2	3	4
1	2	3	4
	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

Figure A.1: title of figure

(a) title

(b) subtitle of figure two