MITOCHONDRIAL DNA CHARACTERIZATION OF INDIGENOUS STRAINS OF COMMON CARP (Cyprinus carpio)

by

Write your full name here.

A Thesis Submitted in Partial Fulfillment of the Requirements for the Degree of Master of Science in Aquaculture and Aquatic Resources Management

Examination Committee: Name of Chairperson (Chairperson)
Committee Member
Committee Member

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Asian Institute of Technology
School of Engineering and Technology
Thailand
April 2002

ACKNOWLEDGMENTS

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ABSTRACT

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Keywords: keyword1, keyword2.

CONTENTS

LIST OF TABLES

LIST OF FIGURES

CHAPTER 1

INTRODUCTION

1.1 Background of the Study

Start your paragraph here; justified, 0.5" indentation. Maintain a 1.5 line spacing throughout. This section should consist of 2 pages maximum excluding figures and tables. This is NOT a Literature Review section.

Each paragraph should have at least 4 sentences. Paragraphs of more than 6 sentences should be split into two paragraphs. Follow the appropriate structure of writing a clear paragraph. Consult your adviser about the subsections. Maintain one space between the last line of this section and the next subsection.

Chaky: Background

- Why you choose this field? "recent days, GAN has attracted a lot of researcher interest. ..."
- What have been done?

1.2 Statement of the Problem

Write approximately three paragraphs only. Each paragraph should have at least 4 sentences. Paragraphs of more than 6 sentences should be split into two paragraphs. Follow the appropriate structure of writing a clear paragraph.

Chaky: Problem

- The problem of the related work "However ..."
- Be specific

Chaky: Solution

- This paper [investigates—explores—models—experiments] ...
- Convince
- Measure

Chaky: Results

- Expected Result; - What you have started?

Chaky: Contribution

- What is new? [Knowledge—Artifact—Methodology—Theory]

1.3 Research Questions- Discuss with your adviser.

Introduce your research questions in one sentence followed by a bulleted list, left-aligned.

1. Follow a 0.5" Tab setting
2.

3.

1.4 Objectives of the Study

Introduce your main objective first in one sentence, followed by a bulleted list of specific objectives, left aligned.

- Follow a 0.5" Tab setting
-
-

1.5 Write the next section here.

Start your paragraph here.

1.6 Organization of the Thesis

Start your paragraph here.

Table 1.1
Random Table

v1	v2	v3	Overall
78.67%	87.33%	94.92%	85.64%

Table 1.2
Random Table 2

v1	v2	v3	Overall
78.67%	87.33%	94.92%	85.64%

Figure 1.1
Random Figure

CHAPTER 2

LITERATURE REVIEW

Write your introductory paragraph/s here (except for Chapter 1). Limit this section to two paragraphs. Follow the appropriate structure of writing paragraphs. Paragraphs should have at least four sentences. Paragraphs with more than 6 sentences must be split into two paragraphs.

2.1 Section Name in Literature Review

Yamato et al. (1992) apply the background subtraction technique to extract blobs or human from a scene by the following conditions:

$$\text{if} \quad |I_a(x,y) - I_b(x,y)| < T, \ I_e(x,y) = 0$$
$$\text{else} \quad I_e(x,y) = I_a(x,y),$$

where $I_e(x,y)$ is a human extracted image, $I_a(x,y)$ is an original image, $I_b(x,y)$ is a background image, and T is a threshold. Figure 2.1 shows something. Some work also uses mesh features (Yamato et al., 1992).

Figure 2.1
Mesh feature calculation. Reprinted from the work of Yamato et al. (1992).
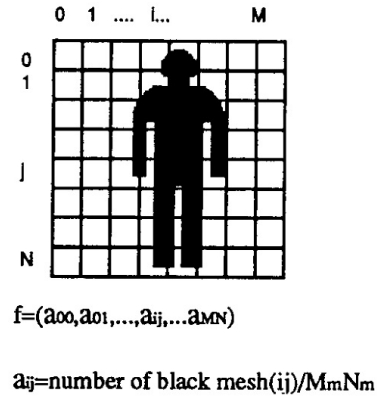

Table 2.1
Random Table 3

v1	v2	v3	Overall
78.67%	87.33%	94.92%	85.64%

2.2 Chapter Summary

All chapters except Chapter 1 must include an introductory paragraph/s and a chapter summary.

CHAPTER 3

METHODOLOGY

Write your introductory paragraph/s here (except for Chapter 1). Limit this section to two paragraphs. Follow the appropriate structure of writing paragraphs. Paragraphs should have at least four sentences. Paragraphs with more than 6 sentences must be split into two paragraphs.

3.1 Your section

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3.2 Chapter Summary

All chapters except Chapter 1 must include an introductory paragraph/s and a chapter summary.

CHAPTER 4

EXPERIMENTAL RESULTS

Write your introductory paragraph/s here (except for Chapter 1). Limit this section to two paragraphs. Follow the appropriate structure of writing paragraphs. Paragraphs should have at least four sentences. Paragraphs with more than 6 sentences must be split into two paragraphs.

4.1 Your section

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4.2 Chapter Summary

All chapters except Chapter 1 must include an introductory paragraph/s and a chapter summary.

CHAPTER 5

CONCLUSION

Write your introductory paragraph/s here (except for Chapter 1). Limit this section to two paragraphs. Follow the appropriate structure of writing paragraphs. Paragraphs should have at least four sentences. Paragraphs with more than 6 sentences must be split into two paragraphs.

5.1 Your section

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5.2 Chapter Summary

All chapters except Chapter 1 must include an introductory paragraph/s and a chapter summary.

REFERENCES

Yamato, J., Ohya, J., & Ishii, K. (1992). Recognizing human action in time-sequential images using hidden Markov model. In *International Conference on Computer Vision and Pattern Recognition (CVPR)* (pp. 379–385).

APPENDIX A

SURVEY QUESTIONNAIRE

Different materials are presented in the APPENDICES. Label the materials in the order that they are mentioned in the text or section (e.g., "see Appendix A for the questions"). Large or oversized tables or figures that support, but are not important in the text, are included in the appendices in a portrait or landscape orientation.

APPENDIX B

TITLE

Multiple texts, tables and/or figures can be combined in one appendix. They should be referred to in a section or parts of your thesis. Number and title the materials in the order they are mentioned in the sections. Add a short description of Appendix A. Do the same for other appendices with multiple materials.

Figure B1
CCTV monitoring room. Reprinted from the Twenty First Security Web site (`http://www.twentyfirstsecurity.com.au/`).

Table B1
Random Table B

v1	v2	v3	Overall
78.67%	87.33%	94.92%	85.64%