PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE
SCHOOL OF ENGINEERING

LONG TITLE OF THE THESIS

AUTHOR'S FULL NAME

Thesis submitted to the Office of Research and Graduate Studies
in partial fulfillment of the requirements for the degree of
Master of Science in Engineering

Advisor:
ADVISOR'S NAME

Santiago de Chile, April 2007

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COMMITTEE MEMBER B (OPTIONAL)
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Gratefully to my family

ACKNOWLEDGEMENTS

Write in a sober style your acknowledgements to those persons that contributed to the development and preparation of your thesis.

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ABSTRACT

The abstract must contain between 100 and 300 words. The abstract must be written in English and Spanish. In the case of doctoral theses, the layout of the abstract page is different, so please check the template provided by the OGRS.

Keywords: thesis template, document writing, (**Write here the keywords relevant and strictly related to the topic of the thesis**).

RESUMEN

El resumen debe contener entre 100 y 300 palabras. El resumen debe ser escrito en inglés y español. En el caso de tesis de doctorado, el formato de la página del resumen es distinta, por favor verifique la plantilla entregada por la Dirección de Postrgrado.

Palabras Claves: plantilla de tesis, escritura de documentos, **(Colocar aquí las palabras claves relevantes y estríctamente relacionadas al tema de la tesis)**.

1. INTRODUCTION

1.1. Problem Definition/Problem Description

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1.3.1. General methods

1.3.2. Drawbacks of existing approaches

1.4. Summary of Contributions/Original Contributions

1.5. Thesis Outline/Document Organization

2. BASIC ASSUMPTIONS, FACTS AND PRELIMINARY RESULTS

This section introduces some preliminary notions and mathematical background. The following is a citation (Cyborg, 3000).

2.1. Basic Assumptions

2.2. Basic Facts and Preliminary Results

2.3. Mathematical Models

3. ANALYSIS AND SIMULATIONS

3.1. Analysis

3.2. Simulations

4. IMPLEMENTATION AND TESTING METHODOLOGY

5. EXPERIMENTAL RESULTS

6. CONCLUSION AND FUTURE RESEARCH

6.1. Review of the Results and General Remarks

6.2. Comparison of Solutions

6.3. Future Research Topics

REFERENCES

Cyborg, A. (3000, December). The life in Unimatrix One. In *Proceedings of the IEEE Conf. on Decision and Control* (Vol. III, pp. 1001–1005). Delta Quadrant: IEEE Press.

APPENDIX A. ADDITIONAL RESOURCES