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by

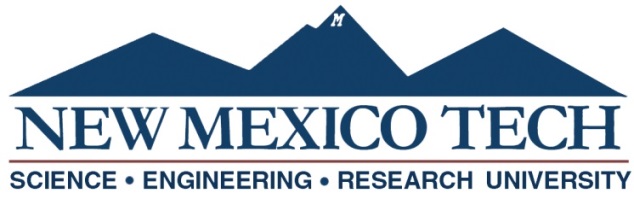
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Submitted in Partial Fulfillment

of the Requirements for the Degree of

Doctor of Philosophy in Mechanical Engineering

with Dissertation in Intelligent Energetic Systems



New Mexico Institute of Mining and Technology  
Socorro, New Mexico  
December, 2018

This thesis is dedicated to…

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*New Mexico Institute of Mining and Technology  
December, 2018*

## ABSTRACT

From experts with the International Studies Association, recommendations suggest making this your “elevator pitch” to concisely summarize your work including its broader implications to “convey the academic triangle of theorizing, method, and data”. Here are a few tips from the American Journal Experts: 1. Write your thesis first, 2. Briefly use background information to lead to your aim, 3. Outline your methodology, 4. Describe your most important findings, 5. State your conclusions, but avoid overstatement. Remember to be concise and have other people review the abstract for clarity.

**Keywords**: Keyword1; Keyword2; Key Phrase 3; …

## ACKNOWLEDGMENTS

Acknowledgements should be a formal thank you, usually a paragraph in length, to all those that have helped you sustain your research. Professors, students, family, and friends are all acceptable examples. it is preffered to list in order of importance, if there is more than one acknowledgement.

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## LIST OF ABBREVIATIONS AND SYMBOLS

NMT New Mexico Tech

ANSTO Australian Nuclear Science and Technology Organization

DoE United States Department of Energy

NRC Nuclear Regulatory Commission

HLW High Level Waste

The dissertation is accepted on behalf of the faculty Institute by the following committee:

Ada Lovelace  
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# Chapter 1

**READ BEFORE REPLACING THIS CHAPTER WITH YOUR CONTENT**

When you are getting ready to write your thesis, you may want to consider taking the Thesis and Dissertation Bootcamp that is offered as a one credit class before the spring semester each year. Contact the CLASS department if you have questions on the course, which provides instruction, then has you focus on writing one or more chapters of the thesis/dissertation. You must apply for taking this class in the fall with a plan that is developed by you and your advisor.

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# Chapter 2

**SECOND CHAPTER TITLE**

**2.1 Section Title**

*2.1.1 Subsection Title*

Paragraph   
Table 2.1 is an example of referenced LaTeX elements.

|  |  |  |  |
| --- | --- | --- | --- |
| Col 1 | Col 2 | Col 3 | Col 4 |
| 1 | 6 | 87837 | 787 |
| 2 | 7 | 78 | 5415 |
| 3 | 545 | 778 | 7507 |
| 4 | 545 | 18744 | 7560 |
| 5 | 88 | 788 | 6344 |

Table 2.1: Table to test captions and labels

Paragraph 2

Paragraph 3



### Figure 2.1: This is the test of your caption.

## 

## APPENDIX A

**1ST APP TITLE**

**A.1 First Section of Appendix A**

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## APPENDIX B

**SECOND APP TITLE**

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## APPENDIX C

**PERMISSONS**

This is your last appendix.

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