MY LYX THESIS

by

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A thesis submitted to the faculty of The University of North Carolina at Charlotte in partial fulfillment of the requirements for the degree of Master of Science in Electrical Engineering

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|--------------|--|
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ABSTRACT

TEST USER. My LyX Thesis. (Under the direction of DR. PERSON A)

Content of your abstract goes here.

ACKNOWLEDGEMENTS

Your acknowledgements go here.

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LIST OF FIGURES

FIGURE 1.1: Shortened figure caption for list of figures.

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| TABLE 1.1: This is an example of a table. | 1 |
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CHAPTER 1: INTRODUCTION

This is my introduction. GNU is a major free software advocate [1].

1.1 Problem Statement

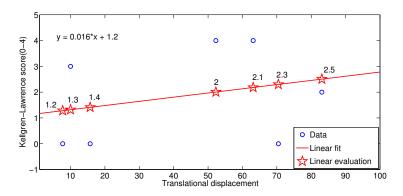
This is an example of a subsection.

| Case # | Translational | Total α | Total β | Total γ |
|--------|-----------------------------|----------------|---------------|----------------|
| | $\operatorname{displcmnt}.$ | | | |
| 6 | 83.09 | 885.66 | 252.07 | 264.64 |
| 7 | 63.12 | 337.48 | 244.95 | 381.31 |
| 8 | 70.45 | 240.08 | 217.59 | 294.56 |
| 12 | 15.71 | 86.89 | 74.58 | 112.03 |

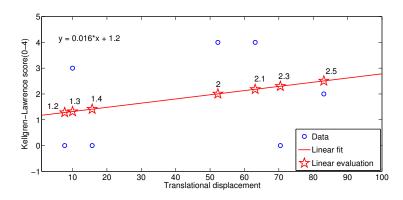
Table 1.1: This is an example of a table.

| R | Overall | KL-score | |
|-------------|----------|----------|--|
| | severity | | |
| Translation | 0.68 | 0.28 | |
| α | 0.34 | 0.17 | |
| β | 0.59 | 0.27 | |
| γ | 0.53 | 0.29 | |

Table 1.2: This is an example of a table having a long caption whose caption in the list of tables is much shorter (from the "opt" label). Correlation coefficient (R) comparison between displacement parameters and average overall ranking and KL score.



(a) Translational displacement vs. Savg; a linear fit



(b) Translational displacement vs. KL; a linear fit

Figure 1.1: Linear fitting translational displacement to KL and average overall severity.

CHAPTER 2: CONCLUSIONS

Lots of interesting conclusions will be put here.

REFERENCES

[1] Richard Stallman. Gnu general public license, version 3, June 2007. Last retrieved 2012-05-10.

CHAPTER A: QUADRATIC FIT COMPARISON GRAPHS

Test of appendices.

A.1 Section in appendix

This is a section in the appendix.