

**TITLE LINE 1**  
**TITLE LINE 2**

by

First M. Last

A thesis submitted to the faculty of  
The University of Utah  
in partial fulfillment of the requirements for the degree of

Master of Science

Department Name

The University of Utah

Month Year

Copyright © First M. Last Year

All Rights Reserved

THE UNIVERSITY OF UTAH GRADUATE SCHOOL

## STATEMENT OF THESIS APPROVAL

The thesis of First M. Last  
has been approved by the following supervisory committee members:

THIS PAGE IS A PLACE HOLDER ONLY

Please use the updated form on the Thesis Office website

First M. Last , Chair enter date

---

\_\_\_\_\_

Date Approved

First M. Last , Member

---

\_\_\_\_\_

Date Approved

First M. Last , Member

---

\_\_\_\_\_

Date Approved

## ABSTRACT

Abstract text here.

# CONTENTS

<b>ABSTRACT</b> .....	<b>iii</b>
<b>LIST OF FIGURES</b> .....	<b>v</b>
<b>LIST OF TABLES</b> .....	<b>vi</b>
<b>ACKNOWLEDGMENTS</b> .....	<b>vii</b>
<b>CHAPTERS</b>	
<b>1. CHAPTER 1 TITLE</b> .....	<b>1</b>
1.1 Section Title .....	1
1.1.1 Subsection Title .....	1
<b>2. CHAPTER 2 TITLE</b> .....	<b>3</b>
2.1 Section Title .....	3
2.1.1 Subsection Title .....	3
<b>3. CHAPTER 3 TITLE</b> .....	<b>4</b>
3.1 Section Title .....	4
3.1.1 Subsection Title .....	4
<b>4. CHAPTER 4 TITLE</b> .....	<b>5</b>
4.1 Section Title .....	5
4.1.1 Subsection Title .....	5
<b>APPENDICES</b>	
<b>A. APPENDIX A TITLE</b> .....	<b>6</b>
<b>B. APPENDIX B TITLE</b> .....	<b>7</b>

## LIST OF FIGURES

1.1 Joint stiffness as a function of deflection .....	2
---	---

## LIST OF TABLES

1.1 Experimental values for toe parameters while perching. ....	1
---	---

## ACKNOWLEDGMENTS

Acknowledgement text here.



# CHAPTER 1

## CHAPTER 1 TITLE

Text

### 1.1 Section Title

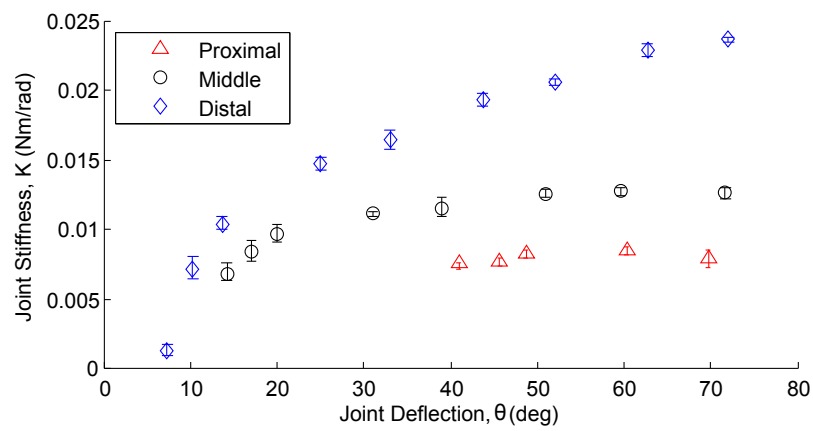
Text Text

#### 1.1.1 Subsection Title

Text

**Table 1.1.** Experimental values for toe parameters while perching.

	<b>33 mm Perch</b>	<b>49 mm Perch</b>
$\delta$	37 mm	31 mm
$\theta_1$	$(62^\circ + 52^\circ)/2 = 57^\circ$	$(56^\circ + 39^\circ)/2 = 47^\circ$
$\theta_2$	$(60^\circ + 66^\circ)/2 = 63^\circ$	$(51^\circ + 53^\circ)/2 = 52^\circ$
$\theta_3$	$(66^\circ + 71^\circ)/2 = 68^\circ$	$(57^\circ + 61^\circ)/2 = 59^\circ$



**Figure 1.1.** Joint stiffness as a function of deflection. Values are calculated using the mean joint deflections reported in Table ???. Error bars show the range of  $K$  values possible with all permutations of  $\pm\sigma$  in joint deflection. Stiffness is nonlinearly related to deflection and increases as the toe deflects further.

## CHAPTER 2

### CHAPTER 2 TITLE

Text

#### 2.1 Section Title

Text

##### 2.1.1 Subsection Title

Text

## CHAPTER 3

### CHAPTER 3 TITLE

Text

#### 3.1 Section Title

Text

##### 3.1.1 Subsection Title

Text

## CHAPTER 4

### CHAPTER 4 TITLE

Text

#### 4.1 Section Title

Text

##### 4.1.1 Subsection Title

Text

## APPENDIX A

### APPENDIX A TITLE

Text

#### A.1 Section Title

Text

##### A.1.1 Subsection Title

Text

## **APPENDIX B**

### **APPENDIX B TITLE**

Text

#### **B.1 Section Title**

Text

##### **B.1.1 Subsection Title**

Text