

**TITLE LINE 1**

**TITLE LINE 2**

by

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in partial fulfillment of the requirements for the degree of

Master of Science

Department Name

The University of Utah

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## **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**

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# CHAPTER 1

## CHAPTER 1 TITLE

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### 1.1 Section Title

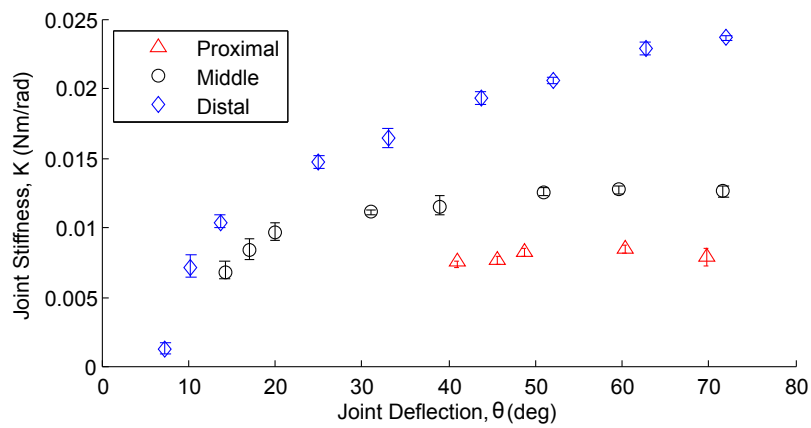
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#### 1.1.1 Subsection Title

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**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**

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#### **2.1 Section Title**

Text

##### **2.1.1 Subsection Title**

Text

## **CHAPTER 3**

### **CHAPTER 3 TITLE**

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#### **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

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#### A.1 Section Title

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##### A.1.1 Subsection Title

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## **APPENDIX B**

### **APPENDIX B TITLE**

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

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

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