

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

May 2016

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

Évariste Galois , Chair enter date

Date Approved

Henri Poincaré , Member

Date Approved

Georg F. B. Riemann , Member

Date Approved

Georg F. B. Riemann , Member

Date Approved

Georg F. B. Riemann , Member

Date Approved

ABSTRACT

Abstract text here.

CONTENTS

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

LIST OF FIGURES

Figures	Page
1.1 Joint stiffness as a function of deflection	2

LIST OF TABLES

Tables	Page
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.

	33 mm Perch	49 mm Perch
δ	37 mm	31 mm
θ_1	$(62^\circ + 52^\circ)/2 = 57^\circ$	$(56^\circ + 39^\circ)/2 = 47^\circ$
θ_2	$(60^\circ + 66^\circ)/2 = 63^\circ$	$(51^\circ + 53^\circ)/2 = 52^\circ$
θ_3	$(66^\circ + 71^\circ)/2 = 68^\circ$	$(57^\circ + 61^\circ)/2 = 59^\circ$

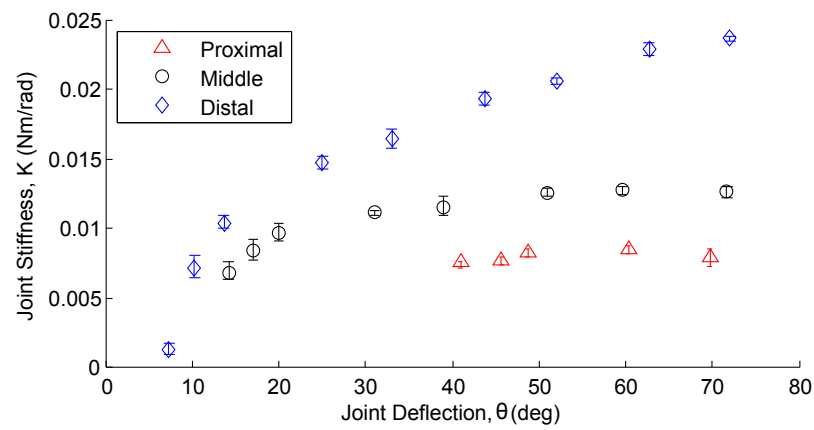


Figure 1.1. Joint stiffness as a function of deflection. Values are calculated using the mean joint deflections reported in Table ???. Error bars show the range of K values possible with all permutations of $\pm\sigma$ in joint deflection. Stiffness is nonlinearly related to deflection and increases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