

Grouping mechanisms for object-based vision and attention

by

Brian H. Hu

A dissertation submitted to The Johns Hopkins University in conformity with the
requirements for the degree of Doctor of Philosophy.

Baltimore, Maryland

May, 2017

© Brian H. Hu 2017

All rights reserved

Abstract

Abstract goes here.

Primary Reader: Ernst Niebur

Secondary Reader: Rüdiger von der Heydt

Acknowledgments

As I was sitting on the boat, I was thinking about how the trip was really a metaphor for my PhD experience. I have had opportunities to steer the boat (sometimes in the wrong direction!), gone through both good and bad weather, and through it all, have had a good captain whom I can trust to guide me through the finish. Best,

Dedication

This thesis is dedicated to ...

Contents

Abstract	ii
Acknowledgments	iii
List of Tables	vi
List of Figures	vii
1 Introduction	1
1.1 Section	1
1.1.1 Subsection	1
1.2 Optional table of contents heading	2
1.2.1 Another subsection	2
1.2.1.1 Subsubsection	2
Bibliography	4
Vita	5

List of Tables

1.1	This is what I want to have in the LOT	1
-----	--	---

List of Figures

Chapter 1

Introduction

Introduction.

A citation.¹ A citation without brackets 2. Multiple citations.^{1–3}

1.1 Section

This is a section. Here's a reference to a different section: 1.1.1.

1.1.1 Subsection

This is a subsection.

Table 1.1: This is a caption.

A	B
a1	b1
a2	b2
a3	b3

Table 1.1 ...continued

A	B
a4	b4

1.2 Section with linebreaks in the name

This is another section.

1.2.1 Another subsection

1.2.1.1 Subsubsection

1.2.1.1.1 Heading level below subsubsection

And I quote:

La la la.

No ident after end of quote.

Another paragraph with a list:

- Item 1
- Item 2

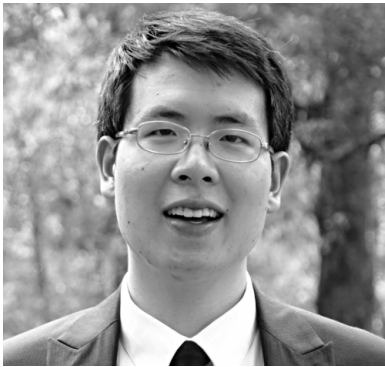
CHAPTER 1. OPTIONAL RUNNING CHAPTER HEADING

Again, we don't indent here.

Bibliography

- [1] A. A. Aardvark, “Article title,” *Journal One*, vol. 1, no. 1, pp. 1–8, 1900.
- [2] A. A. Abramson and B. B. Barbie, “Article title,” *Journal Two*, vol. 1, no. 1, pp. 9–17, 1900.
- [3] A. A. Abramson, B. B. Barbie, and C. C. Rider, “Article title,” *Journal Three*, vol. 1, no. 1, pp. 192–244, 1900.

Vita



Brian H. Hu received the Sc. B. degree in Bioengineering from the University of Pittsburgh in May 2011, and enrolled in the Biomedical Engineering Ph.D. program at Johns Hopkins University in August 2011. He was a recipient of the University Honors College full-tuition scholarship, and also the Swanson School of Engineering Outstanding Senior Award and the Department of Bioengineering Outstanding Student of the Year Award in 2011. His research involves modeling the neural mechanisms of perceptual organization and selective attention, and his papers have been published in *Vision Research* and *Journal of Computational Neuroscience*.