Tensor Methods for Multi-layer Graph Embedding

Senior Honors Thesis

submitted by

Anuththari Gamage,

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Thank everyone who has helped in the work

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The abstract goes here.

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Chapter 1

Introduction

This is the introductory chapter. I am going to tell you all the background and definitions you need to understand the material in Chapter 2 and Chapter 3).

1.1   First Background Section

1.1.1   Something About this

Here is some text. And it describes some evidence that is found in Figure 1.1.

1.2   Outline of This Work

Following is the outline of individual chapters in this thesis.

In Chapter 2, we show the trunk.

In Chapter 3, we discuss the search space.

Finally in Chapter 4, we discuss the results and summarize the key findings of this thesis followed by possible directions of future work.
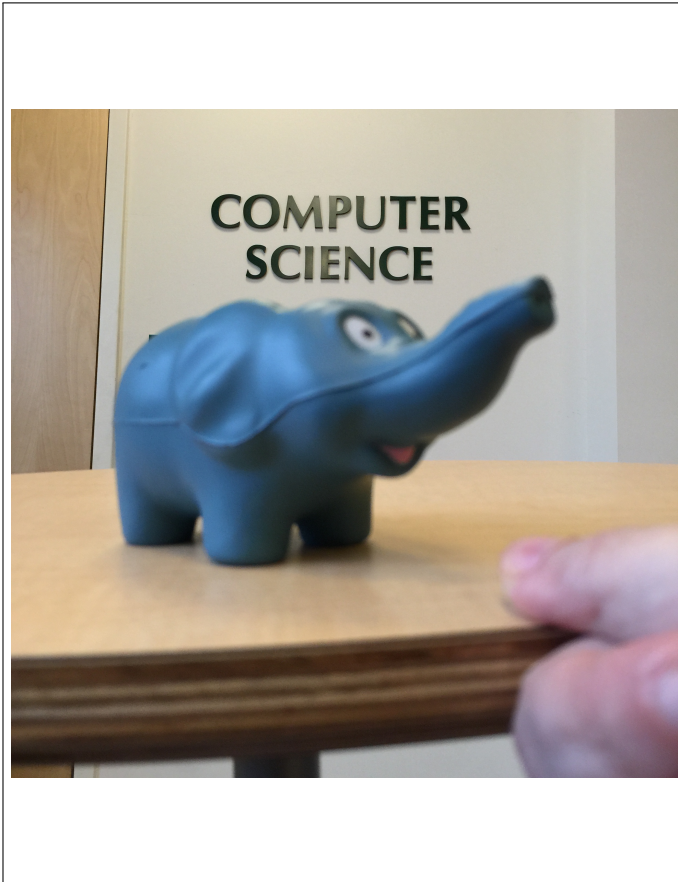
Figure 1.1: The footprints in the margarine

Chapter 2

The Elephant's Trunk

2.1 Some background on trunks

In order to study the trunk of the elephant, my best beloved, we have so many stories to tell you [Kip10].

Assume that the trunk consists of N different segments. On the other hand, it is always important to cite the crucial work in the field [Wil07].

2.2 Results

2.2.1 Elephant color scales

Class	African	Asian	Martian	Cartoon	Plush	Plastic
Body	0.57	0.21	0.31	0.40	0.46	0.30
Tusk	0.85	0.87	0.87	0.91	0.93	0.93
Trunk	1.00	0.94	0.97	0.97	0.97	1.00
Ear	0.73	0.73	0.64	0.73	1.00	0.82
Tail	0.67	1.00	1.00	1.00	1.00	1.00

Table 2.1: Careful measurements in cross-validation. Note that it is easier to get a plush or plastic elephant to stay still and be measured, so those measurements are deemed more reliable. Cartoon elephants require special cleverness and a deep knowledge of cartoon physics to measure with motion capture technology.

Chapter 3

Elephant Search Space

3.1 Hunting for the elephant

Jim Huggins has posted some interesting information about how to hunt elephants but all attempts to hunt down the citation have failed, so we cannot include a description in this thesis.

3.2 Results

(None)

Chapter 4

Conclusion and Future Work

They claim an elephant never forgets, but that is probably wrong. They say the Internet never forgets, but that is also probably wrong. We forget things all the time. In the future, I hope that future students who pass on this template each leave at least one new elephant joke, latex use example, or elephant citation to continue the field of Jumbo Studies which is still in its infancy.

Bibliography

[Kip10] Rudyard Kipling. *Just so stories.* Penguin, 2010.

[Wil07] Mo Willems. *There is a Bird on Your Head!* Hyperion Books for Children, 2007.