

UNIVERSITY OF MIAMI

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TO BE

By

Tom Collins

A DISSERTATION

Submitted to the Frost School
of Music, University of Miami
in partial fulfillment of the requirements
for the degree of Doctor of Philosophy
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Coral Gables, Florida

October 2023

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Abstract of a dissertation at the University of Miami.

Dissertation supervised by Professor Firstname Lastname.

No. of pages in text. (8)

The dissertation abstract goes here.

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Mohammad Haghghat, Rohitha Hewawasam, Ernest Kulasekere,
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Acknowledgments go here.

TOM COLLINS

University of Miami

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CHAPTER 1

Introduction

1.1 Title

This is a section.

1.1.1 Title

This is a sub-section.

1.1.1.1 Title

This is a sub-sub-section.

1.2 Title

This is a new section, and Section 1.1 is a section. To create a footnote.*

1.3 Dissertation Information

In the main dissertation.tex file, I highlighted a section that should be edited.

*This is a footnote

1.4 Figures

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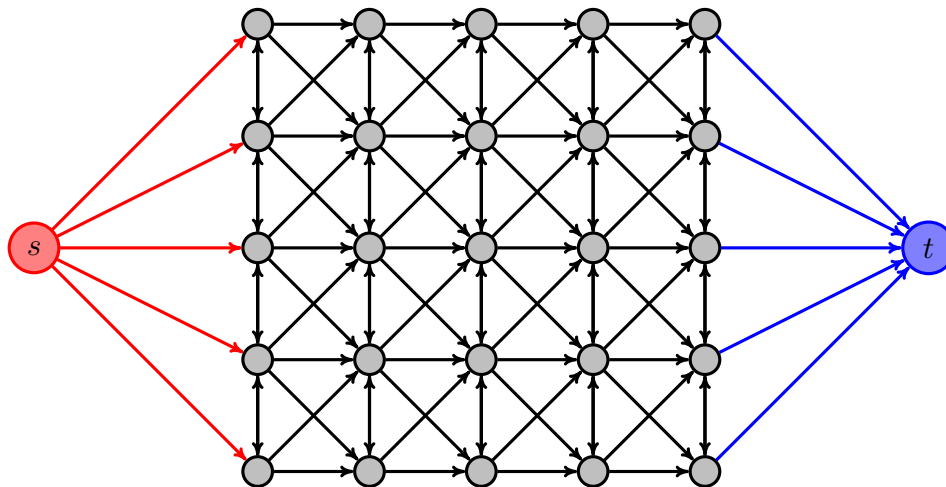
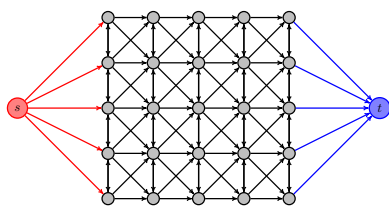
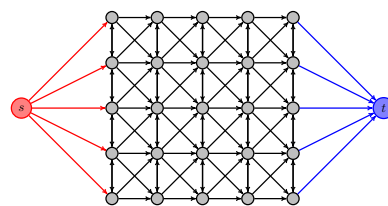


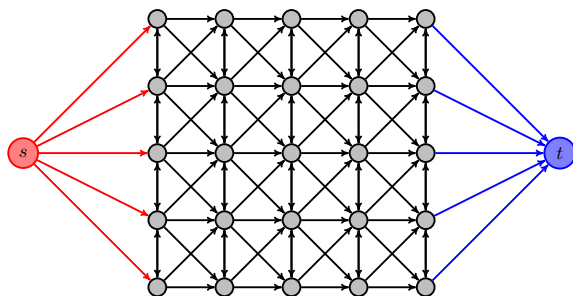
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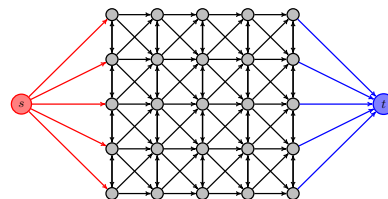
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(b) Lorem ipsum again



(c) Lorem ipsum



(d) Lorem ipsum again

Figure 1.2: Complete caption.

1.5 Tables

A sample table is shown in Table 1.1.

Table 1.1: Results of the mean unsigned interface error between the operators and the algorithm on the testing dataset.

Interface	Inter-Operator †	First Operator	Second Operator	Mean Operator †
EP	0.69 ± 0.53	0.54 ± 0.46	0.84 ± 0.55	$0.62 \pm 0.43^{**}$
BW	0.59 ± 0.50	0.73 ± 0.88	0.57 ± 0.81	$0.56 \pm 0.81^{**}$
ST	0.77 ± 0.65	1.10 ± 1.18	0.98 ± 1.08	$0.93 \pm 1.10^{**}$
DM	1.06 ± 0.89	1.87 ± 1.65	1.78 ± 1.56	$1.71 \pm 1.49^{**}$
EN	0.82 ± 0.72	1.36 ± 1.56	0.74 ± 0.73	$0.82 \pm 0.74^*$
Mean	0.77 ± 0.68	1.09 ± 1.29	0.95 ± 1.06	$0.89 \pm 1.03^{**}$

Columns denoted by †, $**p < 0.001$ and $*p = 0.4051$ (significance level = 0.05)

1.6 Equations

A sample equation is shown as follows:

$$C_{ab}^G = e^{-\sigma g_a^2} \cdot e^{-\sigma g_b^2} = e^{-\sigma(g_a^2 + g_b^2)} \quad (1.1)$$

Refer to the equation using Eq. (1.1).

1.7 Citations

To cite a reference [1] and to cite many references [1, 2].

1.8 Dissertation organization

The organization of the dissertation is as follows:

Chapter 2 introduces...

Chapter 3 concludes the work of the dissertation.

CHAPTER 2

Chapter title that will appear at the beginning of the chapter*

*Er, here's a footnote if you really need one here.

CHAPTER 3

Conclusion

Conclusion goes here.

Bibliography

- [1] Zongyu Yin, Federico Reuben, Susan Stepney, and Tom Collins. Deep learning’s shallow gains: A comparative evaluation of algorithms for automatic music generation. *Machine Learning*, 112(5):1785–1822, 2023.
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APPENDIX