

**Your Thesis Title Here: A Descriptive Subtitle  
If You Have One**

A Dissertation Presented

by

**First Last**

to

The Graduate School

in Partial Fulfillment of the

Requirements

for the degree of

**Doctor of Philosophy**

in

**Your Department**

Stony Brook University

**Month YYYY**

**Stony Brook University**

The Graduate School

**First Last**

We, the dissertation committee for the above candidate for the  
Doctor of Philosophy degree, hereby recommend  
acceptance of this dissertation.

**Dr. Advisor Name - Dissertation Advisor  
Title, Department**

**Dr. Defense Chair Name - Chairperson of Defense  
Title, Department**

**Dr. Reader One Name  
Title, Department**

**Dr. Reader Two Name  
Title, Department, Institution**

This dissertation is accepted by the Graduate School

Celia Marshik

Dean of the Graduate School

Abstract of the Dissertation

**Your Thesis Title Here: A Descriptive Subtitle If You Have One**

by

**First Last**

**Doctor of Philosophy**

in

**Your Department**

Stony Brook University

**YYYY**

Abstract goes here.

This template thesis follows the [guideline file](#) from Stony Brook University, and was sent to [gradgraduation@stonybrook.edu](mailto:gradgraduation@stonybrook.edu) for verification in 2026. For version histories, please refer to **thesis.cls** in this template. If your citation style differs from what the **asme.bst** offers, feel free to change the **bibliographystyle** at the end of the main.tex file.

Other useful submission guidelines can be seen in this [website](#). Students are encouraged to “email a PDF of their thesis/dissertation to [gradgraduation@stonybrook.edu](mailto:gradgraduation@stonybrook.edu) for a format review before officially submitting if they wish.”

## Dedication

*Your dedication goes here.*

## Contents

Tables	vi
Figures	vii
Abbreviations	viii
Nomenclature	ix
Acknowledgements	x
Publications	xi
Chapter	
1 Introduction	1
Bibliography	2

## Tables

Table

## Figures

Figure

## Abbreviations

**LM** Levenberg–Marquardt

**ML** Machine Learning

## Nomenclature

$B$  Link-joint incidence matrix (LJ-matrix);  $B_{i,j} = 1$  if link  $i$  contains joint  $j$

$T$  Joint-joint adjacency matrix;  $T_{i,j} = 1$  if joints  $i$  and  $j$  share a link

## Acknowledgements

Acknowledgment goes here. This should be one page.

## Publications

### Journal Articles

- (1) First A. Author, Second B. Author, and Third C. Author, “Title of the Journal Article Goes Here,” *Journal Name*, Vol. XX, No. Y, Year.

### Conference Papers (Presented)

- (1) First A. Author, Second B. Author, and Third C. Author, “Title of the Conference Paper Goes Here,” *Proc. Conference Name*, City, Country, Month Year.  
*(Presented by X. Author.)*

### Conference Papers (Accepted)

- (1) First A. Author, Second B. Author, and Third C. Author, “Title of the Accepted Conference Paper Goes Here,” *Proc. Conference Name*, Year.

## Chapter 1

### Introduction

This is the first chapter.

## Bibliography