ADJOINT-BASED OPTIMIZATION AND INVERSE DESIGN OF PHOTONIC
DEVICES

A DISSERTATION
SUBMITTED TO THE DEPARTMENT OF APPLIED PHYSICS
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OF STANFORD UNIVERSITY
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY

Tyler William Hughes
May 2019

I certify that I have read this dissertation and that, in my opinion, it is fully adequate in scope and quality as a dissertation for the degree of Doctor of Philosophy.

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Preface

This thesis tells you all you need to know about...

Acknowledgments

I would like to thank...

Contents

List of Tables

List of Figures

Chapter 1

Introduction

An introduction in a separate file.

Chapter 2

Adjoint Optimization of Accelerator on a Chip

Chapter 3

Integrated Photonic Circuit for Accelerators on a Chip

Chapter 4

Training of Optical Neural Networks

Chapter 5

Wave-based Analog Recurrent Neural Networks

Chapter 6

Extension of Adjoint Method beyond Linear Time-Invariant Systems.

Chapter 7

Conclusion and Final Remarks

Appendix A

Something

Some appendix section.

Bibliography