# A Foolproof Guide to the Design and Implement of Circuit Simulator

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#### Preface

here i will give a brief introduction and my motivation

#### Chapter 1

## theory

Introduce the theory of circuit simulation, the abstrace and working flow

#### Chapter 2

#### Arch

introduce the architure of this project, in a involving manner

#### Chapter 3

#### Problem

describe each problem i encountered in detail and how to solve them

#### Appendix A

### Math

here is the math needed