

# **Theoretical Computer Science**

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# Preface

This is a Quarto book.

To learn more about Quarto books visit <https://quarto.org/docs/books>.

# 1 Reading List

## 1.1 General & Introductory

- Engines of Logic. Martin Davis
- Computation and its Limits. Cockshott et al
- The Outer Limits of Reason - What Science, Mathematics, and Logic Cannot Tell Us. Yanofsky

## 1.2 Finite Machines, Formal Languages (and Possibly Computability)

- Introduction to Formal Languages and Automata. Linz
- The Language of Machines - An Introduction to Computability and Formal Languages. Floyd
- Models of Computation. Taylor
- Programs and Machines. Bird

## 1.3 Computability Specific

- Computability. Epstein, Carnielli
- Computability Theory. Enderton
- Computability. Cutland