

PART 0:

Theory of Computation
Alphabets, Strings & Formal Languages
Problems as Language Recognition
Language Hierarchy: Computability & Complexity

Theory of Computation

Readings

Chapter 1:

Sections

1.1

1.2

Alphabets, Strings & Formal Languages

Readings

Chapter 2:

Sections

2.1

2.2

Appendix A:

Sections

A.2

A.6

Exercises

Chapter 2:

1

2

3

4

Problems as Language Recognition

Language Hierarchy: Computability & Complexity

Readings

Chapter 3:

Sections

3.1

3.2

3.3

3.4

Exercises

Chapter 3:

- 1
- 2
- 3
- 4

Exercises

Chapter 4:

1

2