

Willkommen auf der PDF-Fassung!

Compiler Construction

Chapter 1

Scanning and Parsing

Aho **et al.** in their *highly popular* textbook on compiler construction [1] introduce

(i) *scanning and*

(ii) *parsing*

as the first two phases in compiler construction.*1

Hopcroft and Ullman [2] provide the theoretical foundation for scanning and parsing.

In **Chapter 2** we examine the later phases.

*1 The other three phases are (iii) semantic analysis, (iv) code generation, and (v) code optimization.

Chapter 2

The Later Phases

References

- [1] Aho et al. ***Compilers: Principles, Techniques, and Tools*** Addison-Wesley, 1986.
- [2] Hopcroft and Ullman ***Introduction to Automata Theory, Languages and Computation*** Addison-Wesley, 1979.