

2 Introduction	Attila Házy
3 ABC, Words and Alphabets	Attila Házy

4.1. Generative Grammars	
	(18 October, 1 student)

4.2 Classification of Grammars	
4.3 Chomsky Classification of	
4.4 The Importance of Chomsky Classification	
4.5 Statements Regarding Chomsky Classes	
4.6. Chomsky Normal Form	
	(18 October, 2 students)

5.1 Regular Expressions	
5.2 Regular Expressions and Regular Grammars	
5.3 Applying Regular Expressions	
	(25 October, 2 students)

6 Context Free Languages and the Syntax Tree	
6.1 Implementing Context Free Languages .	
6.2 Syntactic Analyzers	
6.3 Method a Recursive Descent	
6.4 Early-algorithm	
6.5 Coke-Younger-Kasami (CYK) algorithm	
6.6 Syntax Diagram	
6.7 EBNF - Extended Bachus-Noir Form	
	(8 november, 2 students)

7 Automata

7.1 Automata

7.2 General Definition of an Automaton

7.3 Finite Automata

7.4 Partial Delta Derivation

7.5 Deterministic and Nondeterministic Functioning (15 november, 2 students)

7.6 Equivalence of Automata

7.7 Configuration of Automata

7.8 Analyzing the Functioning of a Finite Automaton

7.9 Minimal Automaton

7.10 Defining and Processing Algorithm of Finite Automata

7.11 Baar-Hiller lemma

7.12 Computational Capacity

7.13 Stack Automata

7.14 Configuration of a Stack Automaton (22 november, 2 students)

7.15 Analyzing Delta Mapping

7.16 Functioning of a Stack Automaton

7.17 Computational Capacity of Stack Automata

8 Turing automata

8.1 Turing Machines

8.2 Variants of the Turing Machine Attila Házy

8.3 Linearly Bounded Turing Machines (29 november)

Test: 6 December, 2023.