



**1. Regular languages**

2. Finite Automata

3.

4. Definition of deterministic finite automaton; def formal computation; def regular language; def regular operations and closure thm;

5. Nondeterminism

6. Def NFA; relation between DFAs and NFAs; closure thm for regular operations and NFAs;

7. Regular expressions

8. Def regular expression; regular expression and regular language relation thm;

9. Nonregular Languages

a) Pumping lemma for DFA;

**10. Context-free grammars**

# Theory of Computation

## Notes

1. E.T. + M. special need +25% time and text in bold and bigger

### **2. Presentations**

1. Georg Cantor → Martin

2. Kurt Godel → Edoardo

3. Alan Turing → Fanny (?)