November 16 – Decision problems and the class P.

1. The class P.
2. The decision problem SAT.
3. Conjunctive and disjunctive normal form.
4. Representing SAT as a language recognition problem.
5. Economical and noneconomical representations.
6. Speedup theorems.

Homework

- Read Notes Section 5.3.
- Do problems 5.3.1–3.