

1.1 Relation between \mathcal{P} and \mathcal{NP}

1.2 Non-deterministic Turing machines

2. Reducibility and \mathcal{NP} -completeness

3. Cook-Levin theorem

3.1 Boolean formulae and CNF

See

 [Sanjeev Arora, Boaz Barak:](#)
Computational Complexity — A Modern Approach,
p. 39–43, Cambridge University Press: Cambridge-New York-Melbourne, 2009