

## 2.4 Non-computable functions, the Halting Problem

## 2.5 Deterministic time and the class $\mathcal{P}$

See

 [Sanjeev Arora, Boaz Barak:](#)  
*Computational Complexity — A Modern Approach*,  
p. 23–29, Cambridge University Press: Cambridge–New York–Melbourne, 2009

# Chapter II $\mathcal{NP}$ and $\mathcal{NP}$ -completeness

## 1. The class $\mathcal{NP}$

See

 [Sanjeev Arora, Boaz Barak:](#)  
*Computational Complexity — A Modern Approach,*  
p. 37–39, Cambridge University Press: Cambridge-New York-Melbourne, 2009