Theory of Computation

- Time: 14:20-17:20 Wednesdays.
- Place: B01, Building of Management I.
- Requirements: discrete mathematics, algorithms.
- Textbook: Michael Sipser. Introduction to the Theory of Computation.
- Instructor: Bow-Yaw Wang (王柏堯)
- Office hour: 14:00-15:00 Mondays.
- Grading: midterm (35%), final (35%), homeworks (30%)
- Schedule:
    - Introduction (2/22).
    - Regular languages (2/29, 3/7).
    - Context-free langauges (3/14).
    - The Church-Turing thesis (3/21).
    - Decidability (3/28).
    - Reducibility (4/11).
    - **Midterm (4/18).**
    - Time Complexity (4/25, 5/2).
    - Space Complexity (5/9, 5/16).
    - Intractability (5/23, 5/30).
    - Selected Topics (6/6, 6/13).
    - **Final (6/20).**