

2020/05/06 Algorithm Homework

Note: When the exercise asks you to “design an algorithm for...,” it always means that “designs an EFFICIENT algorithm for ... and ANALYZES your algorithm and write pseudo code”. You should keep this in mind when writing solutions.

1. [CLRS 3rd] Exercise 22.1-1
2. [CLRS 3rd] Exercise 22.1-3
3. [CLRS 3rd] Exercise 22.1-5
4. [CLRS 3rd] Exercise 22.1-6
5. [CLRS 3rd] Exercise 22.2-7
6. [CLRS 3rd] Exercise 22.2-8
7. Given an undirected graph G , determine whether there is a **Eulerian Circuit**(要求回到出發點) in G . If there is a **Eulerian Circuit** in G , Output the circuit.