Notes for RC7:

Terminology: loop + parallel + not = simple

Talk about the Chinese translations

Explain

Explain null graph

Walks: generally not a graph (piazza)

Exercise 5: difference between walk and path

Typo: H1 H2

False True True True

Cuts:

Explain why bridge

Explain induced subgraph

Exercise 6: summer 2021 exam

Special: Ramsay’s Problem Page 65 69 72

Erds有个好故事：一些外星人要求我们算出拉姆齐数R(5，5)，否则要摧毁我们。好吧，世人通力合作个几年，可能算得出它。但如果他们要的是R(6，6)，那就只好攻击他们， 因为我们无法计算它。

Matching:

(ii) (iiii) demo

Hall’s Theorem: typo missing

Mention name: marriage theorem

Trees:

Forest: graph without cycle

Tree: connect forest

Tree > Forest ??

Exercise： True (for a forest) True True

Kruskal’s Algorithm:

Correctness: <https://blog.csdn.net/qq_40759483/article/details/110877628>

Union and find set: https://vijos.org/p/1034