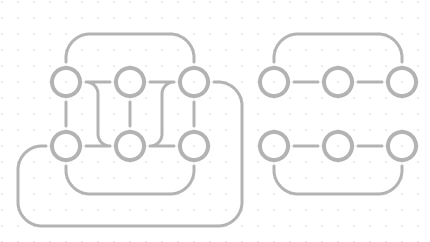
**CSCI 230 -- Homework 3**

**Nero Li**

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Chapter 13

- R-13.1



The reason why we cannot create 3 connected components with 12 vertices and 66 edges is that we cannot squeeze that much path for three separated graph. The biggest edges that 12 vertices can handle should be 36 edges.

- R-13.3

- R-13.4

- R-13.5

- R-13.6

- R-13.7

- R-13.8

- R-13.11

- R-13.29

- C-13.16

- C-13.21

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Chapter 14

- R-14.6

- R-14.7