Problem set 4

This problem set is due on **Monday, April 26, 2021**. Instructions same as the first pset; some key points: collaboration is encouraged but you **must** write up your answers in your own words. You are required to list and identify clearly all sources and collaborators except instructors, TA or lecture notes. Solutions available for optional/extra credit problems upon request.

To submit your homework, upload it in PDF format using the Gradescope tool in Canvas before the deadline.

1. Exercise 4-1 of the notes on flows and cuts.

2. Exercise 4-2.

3. Exercise 4.3.

4. **Extra credit/optional:** Exercise 4.5 (1pt), Exercise 4.6 (1 pt), and reading about the non-terminating example on `https://en.wikipedia.org/wiki/FordFulkerson_algorithm`