

Due: Monday, February 27th (in class)

Reading

If you haven't already, please read up to Section 6.5.

For Wednesday, February 8th, Sections 7.1–7.3.

For Monday, February 20th, Sections 7.4–7.5.

For Wednesday, February 22nd, Section 7.6.

For Monday, February 27th, Section 8.1.

Assignment exercises to hand in for Math 448 and 748

Chapter 6, exercises 6.12, 6.26, 6.34.

Chapter 7, exercises 7.2, 7.4, 7.8.

Additional problems to hand in for Math 748

Chapter 6, exercises 6.4, 6.30.

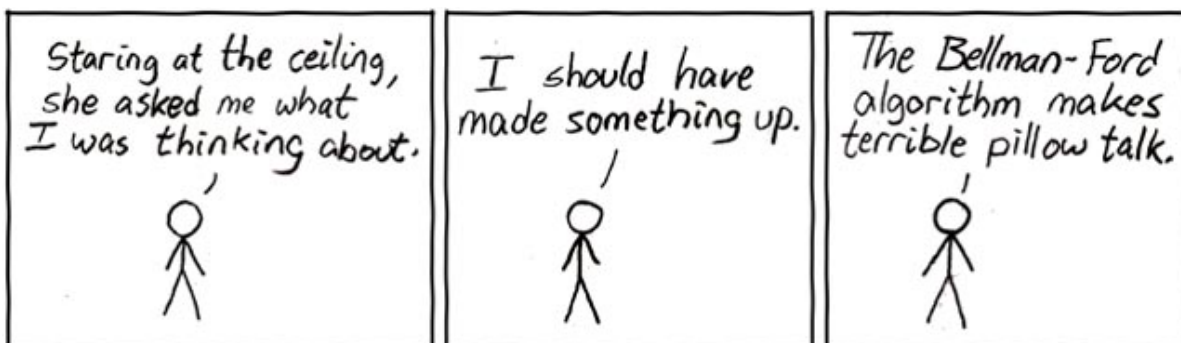
Math 448 students are also welcome to try these problems.

Reminders

Enjoy spring break! (February 13th-17th)

The midterm exam will take place in class on **Monday, March 5th**.

Cartoon



From xkcd.com

Presentations

The tentative papers for the graduate students are Deng: [GJ99], Li: [Tar85], Malladi: [LS08] and Shen: [RW09]. Currently all the presentations are scheduled for April 2nd, though some could be moved back to April 4th or 11th to spread it out a bit. Please let me know if you would like to volunteer for that or if any information is incorrect.

References

- [GJ99] Donald Goldfarb and Zhiying Jin, *A new scaling algorithm for the minimum cost network flow problem*, Oper. Res. Lett. **25** (1999), no. 5, 205–211.
- [LS08] Lu-Wen Liao and Gwo-Ji Sheen, *Parallel machine scheduling with machine availability and eligibility constraints*, European J. Oper. Res. **184** (2008), no. 2, 458–467.
- [RW09] Mateo Restrepo and David P. Williamson, *A simple GAP-canceling algorithm for the generalized maximum flow problem*, Math. Program. **118** (2009), no. 1, Ser. A, 47–74.
- [Tar85] Éva Tardos, *A strongly polynomial minimum cost circulation algorithm*, Combinatorica **5** (1985), no. 3, 247–255.