

Due: Friday, April 15th

## Reading

From de Loera, Hemmecke and Köppe:

Chapter 4, Section 4.1.

From Onn:

Chapter 4, Sections 4.1 to 4.3. (Overlaps with the Chapter 4 readings in de Loera, Hemmecke and Köppe)

## Schedule of presentations

Friday, March 11th: Mahsa. Chapter 4 through Section 4.1.1.

Friday, April 1st: Parinaz. Chapter 4 Sections 4.1.2 and 4.1.3.

Friday, April 8th: Akbar. Jon Lee, Shmuel Onn, Lyubov Romanchuk and Robert Weismantel, *The quadratic Graver cone, quadratic integer minimization, and extensions*, *Mathematical Programming* **136** no. 2, 2012, pp. 301–323.

## Assignment exercises to hand in

1. Chapter 3, Exercise 3.10.5.
2. Chapter 3, Exercise 4.5.1.
2. Chapter 3, Exercise 4.5.2.

## Additional suggested reading

Onn, Chapter 2 through Section 2.5.1.