MA 514 Homework #4

Due Monday, October 13, in Class

Graduate students should do all of these problems. Undergraduate students should do at least four but are welcome to do all five.

- 1. Problem 3C.
- 2. Problem 3F. But note that the hint is wrong: To color numbers $1, \ldots, n$ you need to consider a complete graph K_{n+1} , not K_n .
- 3. Problem 3H.
- 4. Problem 4B.
- 5. Problem 4C.