Department of Mathematics and Computer Science   August 31, 2012
University of Southern Denmark, Odense   LMF

DM538 – Weekly Note 2

Exercises, week 36

Thursday, September 6

- Section 5.1:
  - Exercises 6, 12, 16, 24, 34, 38, 52, 60
- Section 5.2:
  - Exercise 4
  - Exercise 10
    Hint: Consider the formula for the midpoint and note that it has integer coordinates if the x-coordinates have the same parity and the y-coordinates have the same parity.
  - Exercises 14, 22, 40

Lecture, week 36

Friday, September 7

- Section 5.3: Permutations and combinations
- Section 5.4: Binomial coefficients
- Section 5.5: Generalized permutations and combinations