

## Homework assignment 2

- section 2.3, exercises 3 and 6
- section 3.1, exercises 1, 5, and 16(d)
- section 3.2, exercises 4(b), 10(a) and 10(c)
- section 3.3, exercises 1, 2, and 3
- section 4.1, exercise 5 (hint: use induction). Give solution for finite unions only. (Solution for finite intersections is almost identical.)
- section 4.1, exercise 15
- section 4.2, exercises 6 and 8