

**MA0301 ELEMENTARY DISCRETE MATHEMATICS
NTNU, SPRING 2018**

1. HOMEWORK SET 1

- Exercise 1.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 3: b), d)
- Exercise 2.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 8: d), e), f), g), h), and Exercise 10
- Exercise 3.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 15
- Exercise 4.** (Grimaldi, 5. ed., Exercises 2.2) Exercise 6: b), d)
- Exercise 5.** (Grimaldi, 5. ed., Exercises 2.2) Exercise 7: a), b)
- Exercise 6.** (Grimaldi, 5. ed., Exercises 2.) Exercise 18* b)
*(Study carefully examples 2.16 and 2.17 in Grimaldi, 5. ed.)

2. CLASSROOM SET 1

- Exercise 7.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 3: a), c).
- Exercise 8.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 8: a), b), c), and Exercise 9
- Exercise 9.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 13
- Exercise 10.** (Grimaldi, 5. ed., Exercises 2.1) Exercise 14
- Exercise 11.** (Grimaldi, 5. ed., Exercises 2.2) Exercise 6: a), c)
- Exercise 12.** (Grimaldi, 5. ed., Exercises 2.) Exercise 18* a)
*(Study carefully examples 2.16, 2.17, and 2.18 in Grimaldi, 5. ed.)