

# Diskret Matematik / Discrete Mathematics

## Pensum / Syllabus

Kenneth Rosen, Discrete Mathematics and its Applications, Seventh Edition, Global Edition:

Section 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.9.

Section 2.1, 2.2, 2.3, 2.4, 2.5, 2.6 (pp. 184–186).

Section 3.1, 3.2, 3.3.

Section 4.1, 4.2, 4.3, 4.4, 4.5, 4.6 (pp. 295–298).

Section 5.1, 5.2 (pp. 328–333(middle), 335(bottom)–336), 5.3, 5.4, 5.5 (pp. 367(middle)–369).

Section 6.1, 6.2, 6.3, 6.4.

Section 8.1, 8.2 (pp.497–501(middle)), 8.3.

Section 9.1, 9.3, 9.4, 9.5, 9.6(pp. 597–598).

Section 10.1, 10.2 (pp. 627–631, 639–640), 10.3 (pp. 643–646(middle)), 10.4 (pp. 652–656), 10.5, 10.6.

Section 11.1, 11.2 (pp. 726–733(bottom), Figure 6 on page 734), 11.4 (pp. 753–761), 11.5.

Appendix 2.

Miniprojects

Download from (dansk)

<http://www.first.math.aau.dk/diskret-matematik-da/miniprojekter/>

or (English)

<http://www.first.math.aau.dk/english/discrete-math/>

Miniproject 1.

Miniproject 2.

Miniproject 3.

Miniproject 4.