Math 370 (Algebra) / Homework # 7

Due: Mar 14, 2005

Required:

- Reading from Artin’s book *Algebra*: Chapter 10, Sections 1, 2, 3.
- Solve the following problems from Artin’s book *Algebra*, at the end of Chapter 10:
  - Problems 1, 2, 3, 4, 7, 8, 9, 10, 12, 13 from *Definition of a ring*, pp.379.
  - Problems 2, 3 from *Formal construction of Integers and Polynomials*, pp.380.
  - Problems 8, 14, 16, 18, 19, 20, 24 from *Homomorphisms and Ideals*, pp.381.

Suggested: From Artin’s book *Algebra*:

- Try to solve further/all problems at sections 1, 2, 3, the end of Chapter 10.
- Read further in Chapter 10.