1. Reading

Finish reading chapter 4, sections 1-4. Start reading chapter 4, sections 8 and 9, and chapter 5, sections 1 and 2.

2. Problems

All of the following problems are from Sadun’s text.

(1) Section 3.3, problems 2–4, 6, 8.

(2) Section 3.5, problems 1, 4, 6, 7, 9.

(3) Section 4.1, problems 1, 4, 6, 7.

(4) Section 4.2, problems 1, 2, 6 (Hint: proceed by induction on \( n \).)

(5) Section 4.3, problems 3–6, 8, 10, 12.