Reading for Feb. 3: In Scheinerman, read section 2 again and sections 3 and 4.

Assignment 2, due date extended to February 12

Problems from Scheinerman: Sec. 3: 8, 9, 13; Sec. 4: 3, 5, 9; Sec. 5: 4, 6.

Added Problem\(^1\). Consider a collection of small square tiles. It is known that each tile has a letter on one side and a positive integer on the other side. The tiles are laid out, some with letter side up and some with number side up. Someone tells you, “Every tile that has a vowel on one side has an odd number on the other side”. To check whether this is true, you could of course turn each of the tiles and examine it, but is there a way to examine a portion of the tiles in order to know whether this is true? Explain your answer.

Reading for Feb. 5: Read Handout 6 (For the part involving quantifiers, you may find reading Scheinerman’s section 9 concurrently helpful). In Scheinerman, read section 5.

Reading for Feb. 10: In Scheinerman, read sections 5, 6, 8, 9.

\(^1\)Adapted from Professor Saks’ notes.