

Homework assignment 3

section 4.3, exercises 4(d) and 4(f)

section 5.1, exercise 7(b) [Hint : first do $n < m-1$ and $n > m-1$ separately -- see example 5.3]

section 5.1, exercise 21

section 5.2, exercises 7 and 13

section 6.1, exercises 6, 7, and 9

section 6.2, exercise 3

section 7.1, exercises 4(b), 4(c), and 10