

520 SPRING 2025 PROBLEM SET #3

Problem 1. Chapter 3 exercise¹ 1 in Stein and Shakarchi.

Problem 2. Chapter 3 exercise 2 in Stein and Shakarchi.

Problem 3. Chapter 3 exercise 4 in Stein and Shakarchi.

Problem 4. Chapter 3 exercise 6 in Stein and Shakarchi.

Problem 5. Chapter 3 exercise 7 in Stein and Shakarchi.

¹Note that these are from the exercise section, not the problem section.