

MATH 502 - SPRING 2009

HOMEWORK # 2 - Due WEDNESDAY JAN 28, 2009

Work out all the following problems from Stein-Shakarchi's book. Every problem is worth **5 points**.

- **Chapter 1** (pages 28-31): 13, 23, 25, 26.

In Problem 13, assume Ω is connected. For Problem 25, you may use without proof the results of Problem 9 in Chapter 1.