

Homework 5 , due Tuesday November 26

I: Please do problem 4 on page 419 of Kreyszig. This is about compactness.

II: Please do problem 6 on page 419 of Kreyszig. You have to show that an operator is compact.

III: Problem 4 on page 504 of Kreyszig.

IV: Solve problem 8 on page 491 in Kreyszig.

V: Solve problem 9 on page 491 in Kreyszig.