

Math 322 (Smith): Problem Set 7

Due Monday, November 7, 2016

Problems are from Haberman, 5th Edition. Please show all your work (especially for problems with answers in the back).

1) 5.6.1 (a)

2) 5.6.2

3) 5.6.4 This is a repeat of what we did in class, but assuming the eigenfunctions are known. It is probably a good idea to re-work through all the steps without the notes (think about exam preparation).

4) 5.9.1 (b)

5) 5.9.2