

Lagniappe Semester: Duality of Abelian Groups

Memo 2 regarding assignments

I mentioned in the seminar that the statement of various exercises in the Seminar Notes does not mean that all of them have to be explicitly worked out for fulfilling the requirements of the course. Let yourselves be guided by your interest and your judgment which ones you want to work out. If asked I shall provide guidance as which I think should be done.

I have included several solutions submitted to me in the Notes with some of my own “embellishments” added.

Exercise E2.6 is one on finite abelian groups of general interest, but not necessarily vital fo the topic at hand.

I have now included assignments on divisible groups:

E2.7, E2.8, E2.9. I recommend these.

You might wish to defer the Exercises on compact groups E3.1, . . . , E3.6 until later.

Karl Hofmann, May 25, 2006