

Math 430 – Problem Set 4

Due March 18, 2016

The following problems are from Sections 9.3, 10.3 and 11.3 of the textbook. Make sure you have the 2015 version (downloadable at <http://abstract.ups.edu/download/aata-20150812.pdf>).

1. 9.8
2. 9.12
3. 9.23
4. 9.29
5. 9.41 (see 9.34 for the definition of automorphism)
6. 10.4
7. 10.7
8. 10.9
9. 10.14
10. 11.2,
11. 11.9,
12. 11.15,
13. 11.19