

Problem Set 4

Due: December 8, 2009

1. Auslander–Reiten–Smalø, Chapter 5, Exercise 1(a)–(d). (A module is *uniserial* if it has a unique composition series.)
2. Auslander–Reiten–Smalø, Chapter 5, Exercise 2.

Note: There a number of additional facts about almost split sequences in Sections 3 and 6 of Chapter 5 that were not covered in class. You may need to use some of these facts to answer these questions.