

# Lecture 8

February 2, 2015

1. Try 3.1.1
2. Try 3.1.7
3. Try 3.2.11
4. Try 3.2.13
5. Try 3.5.15
6. Try 3.2.17
  - (a) Hint: it must be  $AA$
  - (b) Hint: it must be  $UAA$  or  $AUA$
  - (c) Hint: try to list all the cases like in (b)
7. Try 3.2.19
8. Try 3.2.23. Recall that  $P(a \leq X \leq b) = F(b) - F(a - 1)$ .