

# Lecture 21

March 16, 2015

1. Try 4.4.66. Hint: Use  $\mu = \alpha\beta$  and  $V(X) = \alpha\beta^2$  to find  $\alpha$  and  $\beta$  first.
2. Try 4.4.67. Hint: Use  $\mu = \alpha\beta$  and  $V(X) = \alpha\beta^2$  to find  $\alpha$  and  $\beta$  first. For part (c): Find 0.99 from the table to have the  $Z$  value and times  $\beta$  for  $X$ .
3. Try 5.1.1
4. Try 5.1.3