

M362K (56310), Homework #10

Due: 12:30pm, Thursday, Apr. 07

Instructions: Please show all your work, not only your final answer, in order to receive credit. Please keep answers organized in the same order the problems have been assigned.

Change of variable (4.4)

1. Pitman, p. 309, #3
2. Pitman, p. 309, #4
3. Pitman, p. 310, #6
4. Pitman, p. 310, #10

Cumulative distribution functions (cdf's) (4.5)

5. Pitman, p. 323, #1
6. Pitman, p. 323, #2
7. Pitman, p. 323, #3
8. Pitman, p. 323, #6 [Note: For (d), read p. 316-317.]
9. Pitman, p. 334, #4
10. Pitman, p. 337, #24

Sample midterm #2

Please see class website for problems and solutions.