

M362K (56310), Homework #11

Due: 12:30pm, Thursday, Apr. 21

*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.*

**Uniform distribution (5.1)**

1. Pitman, p. 345, #3
2. Pitman, p. 345, #4

**Joint densities (5.2)**

3. Pitman, p. 354, #1
4. Pitman, p. 354, #4
5. Pitman, p. 354, #7
6. Pitman, p. 355, #11
7. Pitman, p. 355, #12
8. Pitman, p. 355, #16
9. Pitman, p. 388, #10

**Independent normal r.v.'s (5.3)**

10. Pitman, p. 367, #3
11. Pitman, p. 368, #8
12. Pitman, p. 369, #12
13. Pitman, p. 387, #7
14. Pitman, p. 388, #12
15. Pitman, p. 388, #15