

**EE 193 - Applied Probability and Statistics for Engineers**  
**Department of Electrical and Computer Engineering**  
**Tufts University Fall 2007**

**Problem Set #7** Distributed Nov. 6, 2007  
Due Nov. 13, 2007

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**Reading:** Yates and Goodman, Chapter 5.10, 6.{1,2,3,4,6,7}

**Problem 1**

Yates and Goodman problems

- 4.10.8
- 4.10.11
- 6.1.3
- 6.2.1
- 6.3.2
- 6.3.4 (only for  $E[X^3]$  and  $E[Y^3]$ )
- 6.4.2
- 6.4.6
- 6.6.1
- 6.7.3