

UNIVERSITY OF ILLINOIS AT CHICAGO
Mechanical Engineering

IE 446
Problem Set #10

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Reading: Montgomery, Chapter 10.

Please note: No matter how the following are worded, they are all analysis of variance problems. The first two are fixed effects, the next two may involve components of variance. They are all much easier if you use a computer! (I personally am fond of matlab; look for the function `anova1`).

1. Montgomery 10-7.
2. Montgomery 10-8.
3. Montgomery 10-11.
4. Montgomery 10-12.