

530.215 MECHANICS-BASED DESIGN

Homework 2

Due Feb. 20, 2008

1. From your own experience and observation, describe briefly (perhaps one or two typed pages, double spaced) a specific example of mechanical engineering design that you regard as *excellent* from a *safety* standpoint. (Preferably, choose an example reflecting your own observation and safety consciousness rather than one featured in news media.) Your write-up should reflect the professional appearance expected of an engineer. Use illustration if and where appropriate.
2. Problem 1-4 (Budynas&Nisbett)
3. Problem 1-5 (Budynas&Nisbett)
4. Problem 1-6 (Budynas&Nisbett)