

## Using the Machinery's Handbook in 2.007

The Machinery's Handbook contains an extremely dense amount of information. This can make it difficult to use. To help you get started using it, I have prepared the following list of page numbers that have some relevance for the 2.007. I would strongly encourage all of you to skim through these pages so you are familiar with the type of information contained there.

The chapters on Mechanics (pp 114) and Strength of Materials (pp 192) also make a good review.

This is by no means a complete listing of all that you could find useful in the text. Check the index for topics not listed here.

Pages	Description
131-135	Descriptions and equations for using simple machines (levers, pulleys, and wedges)
150-151	Equations for use with linear and rotary motion with constant acceleration (projectile motion)
189-190	Tables 1 & 2 for coefficients of static friction
215-224	Moments of Inertia, and Section Moduli for various cross sections.
375	Mechanical properties of commercially important US grown woods
379	Typical properties of plastic materials
383	Typical elastic properties of materials
582	Characteristics of important plastic families
618	Strength calculations for plastic gears
1594	Groove dimensions for e-clip type retaining rings
1918 & 1922-3	Gearing terms and formulas