1. Problem 2.2 and 2.3 from the textbook (p. 85)
2. Write a Matlab script for the example problem 2.2 (p.57). Reproduce Fig. 2.18.

- Guidelines
- Use: Matlab, Maple, Mathematica, Matcad, C, or any other software package that you know or you want to learn. Attach code in an appendix.
- Late problems will generally not be accepted (except for reasons of illness, etc).
- Homework papers should be orderly and logical, with a straightedge/circle template used for all diagrams. Use 8-1/2”x11” paper (no legal sizes or pages torn from composition books), pencils (no pens), and staples in the upper left-hand corner. Submit your paper unfolded, with name, course, and due date in the upper right-hand corner. Use of only the front sides of the pages is recommended, but if you have strong ecological feelings to the contrary, use the backs as well.
- For a computer-oriented problems the submission of only a computer program listing and output is unacceptable.
- Begin as with any mechanics problem: With pencil and paper, apply the fundamental principles to the problem at hand. Bring the development to a critical point at which the computer is utilized to manipulate numbers, produce a plot, etc. Cite any program used; if you write the program, attach it to your solution as an appendix. As with any engineering problem, delay the introduction of numbers as long as possible. Write down what is given, what you have to find and the solution. Please use this format for the next assignments as well.