Do the Online Assignment “HW #7.”
Do the following Pencil-and-Paper problem.

Chapter 15: 15.31 and 15.77. For the graphs in these problems, you may either do reasonably careful hand sketches, or you may use a program such as Mathematica.

Please write neatly and show your work clearly. If I can’t follow your work, I will return it to you ungraded for re-submission.

Staple your pages together.

Academic Honesty

You may use, without proof, any results from your text by simply quoting the result and giving the reference (e.g. equation number or page number). You should understand how that result was obtained, but you need not transcribe the derivation. Similarly, you may use results obtained in class, as long as you give an appropriate acknowledgement.

If you get bogged down with any of the problems, do not hesitate to discuss them with me or with a fellow student. However, if you discuss a problem with anyone (besides me) you should acknowledge that collaboration. Please see the Academic Honesty policy for more information about appropriate and inappropriate collaboration.