Physics 3344 **Professor Scalise**
Spring 2000 **Assignment #13**

Due: 2 May 2000

1. Marion & Thornton 3-34. (The output of a full-wave rectifier is $|\sin(\Omega t)|$.)

2. Solve Marion & Thornton 3-9 from assignment #12 again, but this time use the Green function method. It will be much simpler and faster.

   For the next two problems, you must show all the work in the derivation, not just the answer, for credit.

3. Shankar 10.2.5

4. Shankar 10.2.8 [there is a typo in part(i) - it should read $(D^2 + 2D + 1)x(t) = 0$]

5. Give me a copy of your résumé.