

ECE503 Homework Assignment Number 4

Due by 8:50pm on Monday 13-Feb-2012

IMPORTANT: Please place your ECE mailbox number on all homework assignments. Your ECE mailbox number can be found on the course web page.

Make sure your reasoning and work are clear to receive full credit for each problem. Points will be deducted for a disorderly presentation of your solution. Please also refer to the course academic honesty policies regarding collaboration on homework assignments.

1. 3 points. Mitra 6.9.
2. 4 points. Mitra 6.27.
3. 4 points. Mitra 6.42.
4. 4 points. Mitra 6.44.
5. 3 points. Mitra 6.48 (a).
6. 3 points. Mitra 6.73
7. 4 points. Mitra 6.83

You can use Matlab to help with any part of these problems, e.g. partial fraction expansions, finding roots, and/or checking your answers, but please note the Matlab commands that you used in your solutions.