

ENEE 324 Homework Assignments

Fall 2006

Homework assignments are due at the beginning of the next class after they are assigned. Homework will count as 10% of your grade. No late homework will be accepted, but the two lowest homework scores will be dropped. Solutions to the homework problems will be discussed in the recitation sections. The date listed for an assignment is the date the homework assignment was made.

1. Sept. 6: 2.2, 2.3, 2.13, 2.15
2. Sept. 11: 2.21, 2.23, 2.29, 2.32
3. Sept. 13: 2.34, 2.36, 2.37, 2.38, 2.43
4. Sept. 18: 2.56, 2.58, 2.59, 2.60
5. Sept. 20: 3.2, 3.4, 3.5 (Assume the lower left corner of the square is at the origin.)
6. Sept. 27: 3.7, 3.10, 3.13, 3.14
7. Oct. 2: 3.19, 3.27
8. Oct. 4: 3.51, 3.54, 3.56, 3.57 a,b
9. Oct. 9: 3.58 (method 1), 3.59 (method 2), 3.60 (method 2)
10. Oct. 11: 3.21, 3.53, 3.61
11. Oct. 23: 4.4, 4.5
12. Oct. 25: 4.8, 4.9, 4.11
13. Oct. 30: 4.17, 4.19, 4.24
14. Nov. 1: 4.49, 4.51
15. Nov. 6: 4.48 [$f_X(x) = \lambda_1 e^{-\lambda_1 x} u(x)$, $f_Y(y) = \lambda_2 e^{-\lambda_2 y} u(y)$], 4.50, 4.52 [$f_X(x) = \frac{x}{\alpha^2} e^{-\frac{x^2}{2\alpha^2}} u(x)$, $f_Y(y) = \frac{y}{\beta^2} e^{-\frac{y^2}{2\beta^2}} u(y)$]
16. Nov. 8: 4.53, 4.55 (hint: let $W = X + Y$)
17. Nov. 13: 3.64, 3.65, 3.78, 3.79
18. Nov. 15: 3.81, 3.82
19. Nov. 20: 4.61, 4.65, 4.69
20. Nov. 22: 3.89, 3.92, 3.99
21. Dec. 4: 5.21, 5.25, 5.30 (due December 11)