

Physics 261

Homework # 12

Remember to show your work.

1. Carefully read the section entitled “Measures of Amplitude” (pp. 57-58) in Faissler. Equations 7-10 and 7-11 have incorrect limits of integration. Figure out what Faissler means, write the equations correctly, and explain in a few words what you did.
2. Do all the problems in Ch. 7 of Faissler.
  - (a) 7-1
  - (b) 7-2
  - (c) 7-3
  - (d) 7-4
3. Use Euler’s formula to prove equations 7-16 and 7-17.