Problem Set 12

The following problem set consists of additional topics from Haberman [Hab] and Strauss [Str]. These topics will NOT be covered on your final examination.

• Reflection and Refraction of Electromagnetic and Acoustic Waves [Hab, Section 4.6]
  1. Read Haberman, section 4.6.1-4.6.3, pp. 151-156
  2. (Optional) Haberman, pp. 156, #4.6.1 – 4.6.5

• Fourier Transforms [Hab, Sections 10.1-10.3, Str 12.3.1–12.3.9]
  3. Read Haberman, sections 12.4-12.5, pp. 445-455
  4. (Optional) Haberman, pp. 455-458, #10.2.1, 10.3.2, 10.3.3, 10.3.5, 10.3.7, 10.3.12, 10.3.18
  5. Read Strauss, section 12.3, pp. 343–348