

List of Practice Problems for B4.4

The numbers below refer to problems in **Robert S Strichartz's** book *A Guide to Distribution Theory and Fourier Transforms* (World Scientific).

Sect. 4.4: Exercises 1–14.

Sect. 5.5: Exercise 8.

Sect. 7.9: Exercises 3, 4, 5, 11, 12, 13, 16, 17, 25, 37.

Sect. 8.8: Exercises 1, 2, 4, 6, 7, 8, 10, 13, 14, 15 **Notation:** $L_s^2 = H^s$