

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH

PDEs for Engineering Students

MATH 3150 – Section 004 – Spring 2017

Homework 10

The Fourier Transform and PDEs

Due April 24 2017

Text: *Linear Algebra and Differential Equations with Introductory Partial Differential Equations and Fourier Series*, custom edition for the University of Utah,

Section 16.4: # 10, 11

NOTE: Chapters 12-16 in the above textbook correspond to Chapters 1-4 and 10, respectively, in the Haberman textbook.