

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH
PDEs for Engineering Students
MATH 3150 – Section 004 – Spring 2018
Homework 2
Equilibrium solutions and superposition

Due January 24, 2018

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

Section 12.4: # 1 (a-e), 5, 7 (a-c)

Section 13.2: # 3, 4

Note: for the Haberman text, the two problems above correspond to problems 4, 5 in section 2.2

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