

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH  
**PDEs for Engineering Students**  
**MATH 3150 – Section 004 – Spring 2017**  
**Homework 2**  
**Equilibrium solutions and superposition**

**Due January 25, 2017**

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