

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH  
**PDEs for Engineering Students**  
**MATH 3150 – Section 004 – Spring 2018**  
**Homework 8**  
**The Fourier Transform and PDEs**

**Due April 11, 2018**

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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 16.4: # 3, 4, 6, 7(a,b,c)

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