

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH  
**PDEs for Engineering Students**  
**MATH 3150 – Section 004 – Spring 2018**  
**Homework 5**  
**Fourier Series**

**Due Monday March 5, 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 14.2: # 1 (a, c, e), 2 (a, c, f), 3

Section 14.3: # 1 (a, c), 3 (a,c)

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