

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH

**Differential Equations and Linear Algebra**

**MATH 2250 – Section 004 – Fall 2019**

**Homework 9**

**Convolutions, eigenvalues, and eigenvectors**

**Due Thursday, November 21, 2019**

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Edwards, Penney, & Calvis, Section 10.4: # 1-6, 9-14, 21-22, 36-37

Edwards, Penney, & Calvis, Section 10.5: # 1-4, 11-14, 31-34

Edwards, Penney, & Calvis, Section 6.1: # 5-8, 17-18, 29-30, 33-34

Edwards, Penney, & Calvis, Section 6.2: # 1-4, 19-20, 37-38