

MATH 5331

LINEAR ALGEBRA with Applications

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Course Materials:

Text: Adapted from the text *Linear Algebra and Differential Equations using MatLab*

Authors: Martin Golubitsky & Michael Dellnitz

The text material will be posted online at www.math.uh.edu/~etgen

Technology: The use of technology is integrated into this course in the form of examples, illustrations, and computer exercises. The program used throughout the text is MatLab. Instructions on how to use MatLab and all MatLab commands are included. While MatLab is strongly recommended, other (equivalent) programs such as Mathematica, Maple, or even graphing calculators, may be substituted.

LAO: This folder contains the equations that have been “pre-loaded” in MatLab. If you are using MatLab, put his folder in your MatLab folder. If you are using some other program, you will have to enter the equation yourself.