

Differential Equations – Homework 29

Professor:

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Directions: Do the following book problems

NOTE: In the 3rd edition of the book this is chapter 5.4 - Multiple Eigenvalue Solutions and 5.6 - Nonhomogeneous Linear Systems

Section 5.5 (Two more from this section) problems: 12, 16

Section 5.7 problems 1, 3, 4, 13

Other Notes:

1. You are welcome to use computer code or symbolab to do some of the more tedious matrix operations.
2. Be careful using MUC, remember to check for duplications of the homogeneous solution.