

Differential Equations – Homework 25

Professor:

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Homework 25

Directions: Do the following book problems

Chapter 5.1 Problems 1, 2, 3, 4, 7, 11, 12, 16, 22, 31

Other Notes:

1. Make sure you are comfortable with all of these matrix operations and rules. We will be using them a lot over the next few days.
2. When the book says **VERIFY** it means do the operation BOTH WAYS. In other words, verify $\mathbf{AB} \neq \mathbf{BA}$ means first do $\mathbf{AB}$ then do $\mathbf{BA}$ and show you get different answers.