

**Homework 8****Interconnected Systems, Laplace Transforms****Due: Friday May 6 at Noon**

Reading: Chapter 6 and 7 of Course Notes

Read section 6.7 for problems 6.6 and 6.7. You are responsible for this material, but we will not cover it in class (and it is pretty straightforward).

Complete the following problems on engineering paper using the problem solving format and submit the assignment at the beginning of class.

1. Chapter 6, Problem 6.5 from the Course Notes
2. Chapter 6, Problem 6.6 from the Course Notes (you can use Maple on this one)
3. Chapter 6, Problem 6.7 from the Course Notes (you can use Maple on this one)
4. Chapter 7, Problem 7.1 from the Course Notes
5. Chapter 7, Problem 7.2 from the Course Notes
6. Chapter 7, Problem 7.3 from the Course Notes
7. Chapter 7, Problem 7.5 from the Course Notes