

ENEE 460 Fall 2016 **Homework Set 9**: Assigned Tuesday November 29, 2016 - due back **at the start** of class on Monday, December 5, 2016

1. Do Problem 8.8 including a discussion of drawbacks. Illustrate your argument using a simple second order example.
2. Do problems 8.9 and 8.10 including simulations (in MATLAB).
3. READING ASSIGNMENT – Chapter 9 on Transfer Functions: sections 9.1, 9.2, 9.3 (especially gang-of-six transfer functions associated to Figure 9.5), 9.4 and 9.5 (there will be an extra class on this last section on Wednesday Nov 30, showing you how to use MATLAB for Bode plots).
4. Do Problems 9.2, 9.6, 9.9