

EE513 Homework 6

Due May 16th, 2016 @ class

Read Erickson textbook, Chapter 8 & 9.

Problems Erickson textbook, problems 8.1, 8.17, 9.3, 9.9

Note In problem 9.3, you must

- plot the bode plot by hand using asymptote method.
- plot the bode plot in Matlab and verify the accuracy of asymptote method.

In problem 9.9, you may use Matlab to facilitate your compensator design.

Correction :

In problem 8.17, (a) (b) (c), change $G_{vg}(s)$ to $G_{vd}(s)$.