Homework Set 6 (due back in class on Tuesday, April 9)
Problems from Chapter 4 of Khalil
4.4, 4.5, 4.7, 4.8, 4.9, 4.10, 4.13, 4.14, 4.16

Homework Set 7 (due back in class on Tuesday, April 16)
Problems from Chapter 4 of Khalil
4.17, 4.19, 4.20, 4.21, 4.22

Even though the formal due date for problem set 7 is after the mid-term examination on April 11, it is important that you look through these problems and try them BEFORE the mid-term examination, so as to be prepared to think about applications of Lasalle's theorem in the exam.

The following homework sets are not to be returned to me. But you need to work on them to acquire facility with certain techniques (stability of time varying systems, indirect method of Lyapunov, linearization and feedback linearization) covered in class. I'll be sending you one more.

-PSK

Homework Set 8
Problems from Chapter 4 of Khalil

4.24, 4.26, 4.27, 4.28, 4.36, 4.37, 4.38, 4.40, 4.42

Homework Set 9
Problems from Chapter 12 and Chapter 13 of Khalil

12.2, 13.10, 13.14, 13.17, 13.18