Math53: Ordinary Differential Equations
Autumn 2004

Homework Assignment 5

Problem Set 5 is due by 2:15p.m. on Monday, 11/8, in MuddChem 101

Problem Set 5:

7.2: 8,14;   7.4: 16,20;   7.5: 14,26;   7.6: 14,28,44;   8.1: 10;   8.2: 13*;   9.1: 6,54;
9.2: 1*,4*,10,24*,26*,30;   9.5: 8,12,14

Note: In 8.2:13, justify your answers. In 9.2:1,4,24,26, sketch phase-plane portraits, as in Section 9.3.

Daily Assignments:

Date	Read	Exercises
10/29 F	7.1-7.4,7.6	7.2:8,14; 7.4:16,20; 7.6:14,28,44
11/1 M	7.5,9.1	7.5:14,26; 9.1:6,54
11/2 T	9.5 (pp492-500top)	9.5:8,12,14
11/3 W	8.1,8.2	8.1:10; 8.2:13*
11/4 R	9.2 (pp452-454), 9.3 (pp466-473top)	9.2:1*,4*,10
11/5 F	9.2 (pp454-459mid), 9.3 (pp473-479)	9.2:24*,26*,30

Note: In 8.2:13, justify your answers. In 9.2:1,4,24,26, sketch phase-plane portraits, as in Section 9.3.