

Assignment 10

Due: Wednesday, November 28

Submit all problems according to the choices given. Mark your choice clearly with 3 designators: Problem number and part as appearing in the assignment, and then the problem number in the book. Explain and justify *thoroughly* each step, using complete sentences. Write neatly, and staple your paper before submission.

- 1 Section 9.4 - can use your cd that comes with the book for graphs.
 - a) One of 1,4.
 - b) 2,7.

- 2) Section 9.5 - can use your cd that comes with the book for graphs.
 - a) One of 4,5

- 3)
 - a) Section 9.1 - 19.
 - b) Read the last two paragraphs of section 9.3. Then try to find the basin of attraction for one of the nonlinear systems we solved for in class, for each critical point.