Math 325
Spring, 2000

GUIDELINES FOR GROUP PROJECTS

After studying the description of the project, you should decide who will work on what and on a schedule for completing that work. When you compile the work into a report, you will want to make sure everyone in the group understands everything in the report.

You may use computers for any part of Project 1 except the identification of the type and stability of a critical point. For that, use Table 9.3.1 on page 484 of Boyce and DiPrima.

You may discuss the project with members of other groups, but you may not copy any work from another group. Copying some work from another group is a violation of the Honor Code.

Each group will turn in one report, written jointly by the group. The report must be readable, literate and informative. A single grade will be assigned to all group members. The report should include:

- carefully labeled graphs;

- detailed derivations and calculations;

- a list of any references other than the textbooks used in the project;

- a list of all software and hardware used in the project.

When you have completed the project, every member of the group should read the entire project. You must check to make sure that the parts are consistent. In particular, make sure that your project does not have any mathematical statements which contradict the computer ouput you have included. If it has any, then there is an error in either the output or the statements (or both).

In addition, if you want, you may explore additional topics related to the topics of the project and include them in your report. For example, you might include a rigorous discussion of some mathematics related to the project. Or, you might do further computer experiments and discuss any unexpected or new properties or conjectures related to the results of the experiments.