Extra Computing Project
Math/CS 375, Spring 1997
Professor Coutsias

This project is due Dec 16, before 1:00pm, as the final examination. Plan your work so that if your computer is down a short period, your project will not be late. **Late projects will not be accepted.** This project will count as part of your grade so you must work independently. It is permissible to discuss the project with your instructor, fellow students, and friends. However, the computer programs and report must be done only by the student doing the project.

The project is to use the textbook's adaptive initial value problem solver, RKE. If necessary, modify it so that the number of time steps is printed. Use it to solve exercises 6.16 and 6.17. (In 6.17 solve for $\epsilon = 1$ and $\epsilon = 10^{-2}$.) Comment on the results.