

Homework 11
due April 26, 2007

Please answer all parts of a question! Late homeworks will be penalized using the complementary error function, as in homework 8.

1. Chapra and Canale, problem 27.4. *Recommendation:* use the Matlab function ode45 to solve the differential equation. Include a plot of your intermediate attempts at solving this boundary value problem using the shooting method.
2. Chapra and Canale, problem 27.5. Use a graph to compare the results of this part with the results from the previous problem.