

Differential Equations – Homework 37

Professor:

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Homework 37

Other Notes:

Directions: Go back and take a third look at the book/worksheet problems from the last two classes:

1. Take some time now to try using Python. It is a really powerful tool for mathematical exploration!

Do the worksheet problems.

Section 2.4 problems 10, 12, 15

Your Assignment: Solve these problems using the Improved Euler method AND do an error analysis (ratio of errors). Talk about convergence order of the method.