

Math 350 — Computer Assignment 5, due March 31, 2011

- Do Exercise 5.2 in NCM. Compare what happens to the predicted value (population in 2010 if you're using the original version from the textbook, or population in 2020 if you're using the updated version on our class page) for the various methods when using the original data and the modified data.
 - Do Exercise 5.3 in NCM. You may find the `roots` command useful as it finds the roots of a polynomial. Also, remember that the data in this example are normalized.
- Do Exercise 5.8 in NCM.
- Do Exercise 5.9 in NCM. To extract the observations save the y and x columns at the bottom of the data files in a `.dat` file (in ASCII format), and then read them into MATLAB with, e.g.,

```
load norris.dat
y = norris(:,1);
x = norris(:,2);
```

- Do Exercise 10.12 in NCM.
- Do Exercise 10.14 in NCM.