

Homework Set III

At the beginning of class on Monday, April 7, 2013, hand in your work on the following:

Exercises at the end of Chapt 40 in LN: # 3h, 4e (15 pts. each)¹

Exercises at the end of Chapt 43 in LN: parts i, ii, and iii of # 2b (30 pts.)

Notes: I do NOT want to see all your homework problems, and I do NOT want to have to figure out the answers you hurriedly scrawled out while you were also eating lunch! I also want space so that I can write comments if I feel so inclined. So please:

- 1. Only hand in the problems listed above, in the order given.*
- 2. Rewrite neatly the problems that you are handing in, using a reasonably dark pen or pencil.*
- 3. Leave at least a few lines between the problems.*
- 4. Write on only one side of each sheet.*

And, of course, as much as possible, show enough work so that it doesn't look like you've just copied the answers from the back of the book.

I may take off points for failing to do the above!

¹In 40.4e, you sketch a phase portrait. Be sure to indicate how you determined both the direction of travel and whether the spiral goes clockwise or counterclockwise. Don't leave me to suspect that you just copied from the answers!