Homework #11

1. Explain what a linear bounded automaton is and contrast it with a Turing Machine.

2. Give a DFA for $b^*aa$.

3. Give a right-linear grammar for the same language.

4. Extra for honors section: explain why a PDA can describe $ww^R$, but not $ww$.

Things to keep in mind:

a. This is due by the beginning of class on Apr. 18!

b. Type it.

c. This can be no more than two double-spaced pages (two and a half for honors section).

d. Keep in mind that there are funny symbols here you may never have used or printed before. Leave time to make sure you have that right so that you can get this in on time.