HW00: Survey and basic concepts

Hand in at: `http://www.cs.utah.edu/~hal/handin.pl?course=cmsc723`. Remember that only PDF submissions are accepted. We encourage using LATEX to produce your writeups. See `hw00.tex` for an example of how to do so. You can make a `.pdf` out of the `.tex` by running "`pdflatex hw00.tex`".

1 Student Survey

Please note the following information on your assignment:

1. Which of the following courses have you taken: Differential calculus; Probability and statistics; Artificial intelligence; Algorithms; Computer vision; Image processing; Machine Learning; Syntax; Semantics; Phonology

2. What department are you in (eg., CS, Linguistics, EE, etc.)?

3. List a few (research/CS/linguistics/whatever) topics that interest you.

4. What (human) languages do you know?

5. How would you rate your programming skills (1-10, 10 best)? How would you rate your math skills?

6. Are you an MS-comp student?

7. What are your goals in this class?

8. Please be sure that you have subscribed to the class blog RSS feed.

2 Linguistic Ambiguiuty

For each of the linguistic phenomena below, come up with an ambiguous example, and then give it in two contexts where the contexts demonstrate different interpretations.

For example, for "word sense," I might say that an example is "club" and give the following two examples: "The girls left the club." and "The girls left the club on the porch." Here, the first sense is the dance hall; the second is the heavy stick.

Do not use examples from the book, or examples from class, or examples from your friends!

1. Part of speech ambiguity

2. Clause structure ambiguity

3. Word sense ambiguity

4. Pragmatic ambiguity

5. Discourse ambiguiuty

6. Speech act ambiguiuty