

Syntactic Theory WS09-10  
Assignment 3, LFG  
Task 1: due December 1st 2009  
Tasks 2-3: due December 8th 2009, 16:15

01.12.2009

- (1) The secretary has called the professor.
  - (2)
    - a. Peter hat dem Mädchen eine Puppe verkauft.  
Peter.nom has the girl.dat a doll.acc sold  
“Peter sold a doll to the girl”.
    - b. Eine Puppe hat Peter dem Mädchen verkauft.  
a doll.acc has Peter.nom the girl.dat sold  
“Peter sold a doll to the girl”.
    - c. Dem Mädchen hat Peter eine Puppe verkauft.  
the girl.dat has Peter.nom a doll.acc sold  
“Peter sold a doll to the girl”.
    - d. Eine Puppe verkauft hat Peter dem Mädchen.  
a doll.acc sold has Peter.nom the girl.dat  
“Peter sold a doll to the girl”.
  - (3) \* Peter slept the dog to the cat
  - (4) \* Peter gave the girl
  - (5) \* Peter to the girl gave the puppy
  - (6) \* Him gave the girl a puppy
- **Task I (30 points):** Provide the (annotated) c-structure and f-structure for example (1).
  - **Task II (40 points):** Provide the PS-rules that will generate examples (2a)-(2d): make sure the PS-rules are annotated appropriately. Give c- and f-structures for 3 of the examples in (2).

- **Task III (30 points):** Consider the examples (3)-(6), given a perfect grammar and lexicon for English: what happens if we analyze these sentences? Please make sure your answer is precise for each individual example.

For additional practice (optional) provide the analyses of (3)-(6)