

LING 130
Problem Set #4
Due

Foundations of Semantics
November 1, 2005
1:40 pm, November 15, 2005

1. Situations and Participants

- (1) Saeed, chapter 6, ex. 6.3
- (2) Saeed, chapter 6, ex. 6.4

2. Compositionality

- (3) Using the type theory that we've covered in class, try to give formal derivations for the following sentences. You will need to add some types to our type inventory, so try to be creative.

Here goes.

- a. John feels happy.
- b. Every fish swims.
- c. Some fish swim fast.

Think about what the verb *feel* (in this sense) selects for instead of an NP. Then, type the verb accordingly and provide the derivation tree.