

Homework 12

Recap: *Semantics*

Course: *Introduction to Linguistics* – Instructor: Alexander Rauhut
Due date: 20.01.2020

1. Semantic roles

Identify the semantic roles of each participant.

- (1) My grandmother left me all her jewels.
- (2) John felt depressed.
- (3) The car was stolen by a band of thieves.
- (4) The window was broken with a stone.

2. Lexical relations

What are the semantic relations between...

- a) excited — nervous
- b) city — Berlin
- c) plant — tree
- d) seamen — semen
- e) branch — tree
- f) computer (referring to a laptop) — computer (referring to a desktop PC)

3. Lexical relations

In feature-based approaches, if word A and word B share a set of semantic features, but B has additional features not shared by A, B is A's hyponym. Illustrate with your own example.

4. Antonymy

In feature-based approaches, if word A and B share the same features except for one in which they are opposites, A and B are antonyms. Illustrate with your own example.

5. Prototypes and networks

Take the word *game* and demonstrate why a feature analysis is not always the best tool to describe meaning.