

Exercises due on: Monday June 28, 23:59

## Semantic Theory 2021: Exercise sheet 7

### Exercise 1

Consider the following text:

- (1) Peter studies semantics. If a student writes a seminar-paper on this subject, he gives it to his lecturer.
- a. Give a proto-DRS (with  $\alpha$ -DRSs) for text (1). Explicit semantics construction is **not** necessary. Represent “this subject” like “the subject”, and represent “give ... to” by a three-place predicate `give-to(x, y, z)`.
  - b. Show how a DRS that correctly represents the meaning of text (1) can be derived from the proto-DRS by application of the binding and accommodation rules from the lecture: explicitly describe which rules and constraints you apply.

### Exercise 2

Consider the following sentences:

- (2) Either John is out of hay or his donkey is eating quietly in the stable.
  - (3) Either John has no donkey or his donkey is eating quietly in the stable.
- a. Specify the presupposition(s) of (2) and (3); i.e., which presuppositions are projected to the sentence level? What is the difference between the two sentences?
  - b. Give proto-DRSs for (2) and (3). To keep things simple, you can represent “is out of hay” by a one place predicate `out-of-hay(x)` and “is eating quietly in” by a two place relation `eat-in(x, y)`.
  - c. Resolve the two proto-DRSs. Again, explicitly describe the applied resolution constraints you apply.