#### SoSe 2022

### **Introduction to Formal Semantics**

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Exercise sheet n.2

Total points -/25

**Note.** Are there questions you would like to discuss during the tutorial? If yes, please send them to me (nddascalu@lsv.uni-saarland.de) so that we can go through them together.

## Exercise 1 (-/4)

Choose among two of the following questions to discuss:

- (1) Champollion's chapter introduces three types of inferences. Give a brief explanation and example of each one.
- (2) Explain the DEFEASIBLE and REINFORCEMENT-TEST.
- (3) What's the difference between Russell's and Strawson's view on presuppositions?
- (4) What is a PRESUPPOSITION PROJECTION? Make an example.

## Exercise 2 (-/6)

Represent the following sentences semantically and give their truth-conditions as in *Winter* 2016, chapter 2.

- (1) Obi-Wan is a jedi.
- (2) Tom is hungry and angry
- (3) Bonnie loves Clyde.
- (4) Mario isn't tall.

## Exercise 3 (-/6)

Translate the following sentences and give a trivalent semantic representation of (2) and (3).

- (1) The cookie monster is greedy.
- (2) Bender has stopped drinking.
- (3) It was Sue who sold Chris the house.

# Exercise 4 (-/9)

Show which entailments or presuppositions are conveyed by the following sentences. Also, explain which **test** or **reasoning** supports your answer.

- (1) Mary's brother won the lottery.
- (2) Tom's uncle is rich and famous.
- (3) Jared got rid of his bad habits.
- (4) Megan knows MGK dissed Eminem.
- (5) Paola has three children.
- (6) Simon's wife is out of town.
- (7) Prue's sister is casting a spell in her garage.
- (8) Carnap is a bachelor.
- (9) Italy won the European cup.