SoSe 2022

Introduction to Formal Semantics

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Exercise sheet n.10

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 (-/6)

- a. Explain what's the issue with the diamond entailments on slide 13 with respect to slide 11 (see lecture 10 slides).
- b. You may recall example (16a) "John saw Mary leave." from Semantics Boot Camp p. 427 (Direct perception and causal reports). (i) What's the problem with the following representation?

$$\exists e \exists e'. [\text{See}(j, e, e') \land \text{Leave}(j, m, e')]$$

(ii) How would you translate this back into natural language?

Exercise 2 (-/6)

Give an event semantic representation in Davidsonian and Neo-Davidsonian style of the following sentences:

- a. Haseon was tired in the bus.
- b. Min bought a sweater at Zara with a credit card.
- c. Yusser smashed <u>a potato</u> in the garage with <u>a hammer</u> at noon.

Note: treat as <u>underlined words</u> as a singular term

Exercise 3 (-/13)

- (i) Give a compositional representation (trees, types, lambdas) for the following sentences, and (ii) discuss if there would be other compositional choices, why?
- 1) Cicero escaped the soldiers quickly.
- 2) No student writes slowly.
- 3) Barbarossa ate and drunk noisily.