

SoSe 2022

Introduction to Formal Semantics

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Exercise sheet n.5

Total points -/20

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

Exercise 1 (-/5)

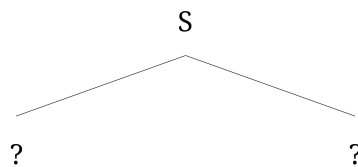
Represent the sentences as GENERALISED QUANTIFIERS.

- (1) Some of the cats play the piano.
- (2) 10 tables have been reserved.
- (3) Most warlocks are evil.
- (4) I pay you not more than 5 dollars.
- (5) Sadly, none of the students tipped the waitress.

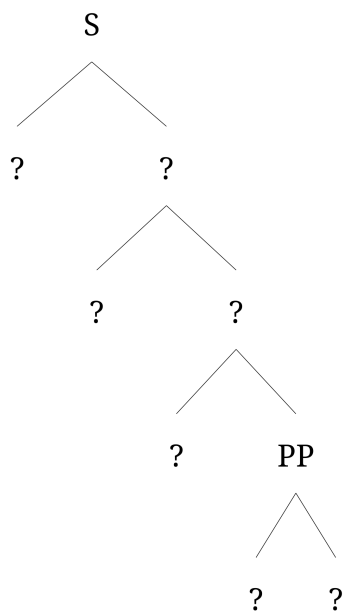
Exercise 2 (-/15)

For each sentence provide its (a) tree representation, (b) type, and (c) lambda-abstractions.

- (1) Quicksilver runs fast.



(2) Sissi is married to Franz.



(3) Tom and Jerry aren't friends.

