

# Linguistics 322

## Exercises S2003

### Answer Sheet

Exercise 10:

1. Draw by hand using a straight edge (ruler) for the tree diagrams, the phrase structure for the following phrases including spell-out, starting with Neg:

(1) Hasn't this song been being played by the pianist (too long)?

Do not attempt to account for the adverbial enclosed in parentheses. You may use an abbreviated NP for the external argument, but Case must be shown; the subject NP must be fully specified.





2. What is wrong with:

(2) \*Didn't this song have been being played by the pianist?

Once again, when the adjoined [+Tense] feature was copied to the strong position, the dummy verb HAVE was not copied along with the rest of the features.

3. How is the principle last resort used in (1)?

The Last Resort principle means that a rule so marked cannot be applied until all other rules have been exhausted.

4. Name two phrases that are headed by [+Neg] and [+Neg] is spelled out as *not* at the beginning of the clause?

NP (not the floor), PP (not in the fridge), AP (not red)

5. Find and identify all the theta roles in the following sentence:

(3) John chopped the wood into kindling with an ax.

There are four arguments here. John = agent, the wood = theme, into kindling = goal, and ax = instrument.

This page updated 28 MR 03

**Due Monday, 31 MR 03**