

Linguistics 322

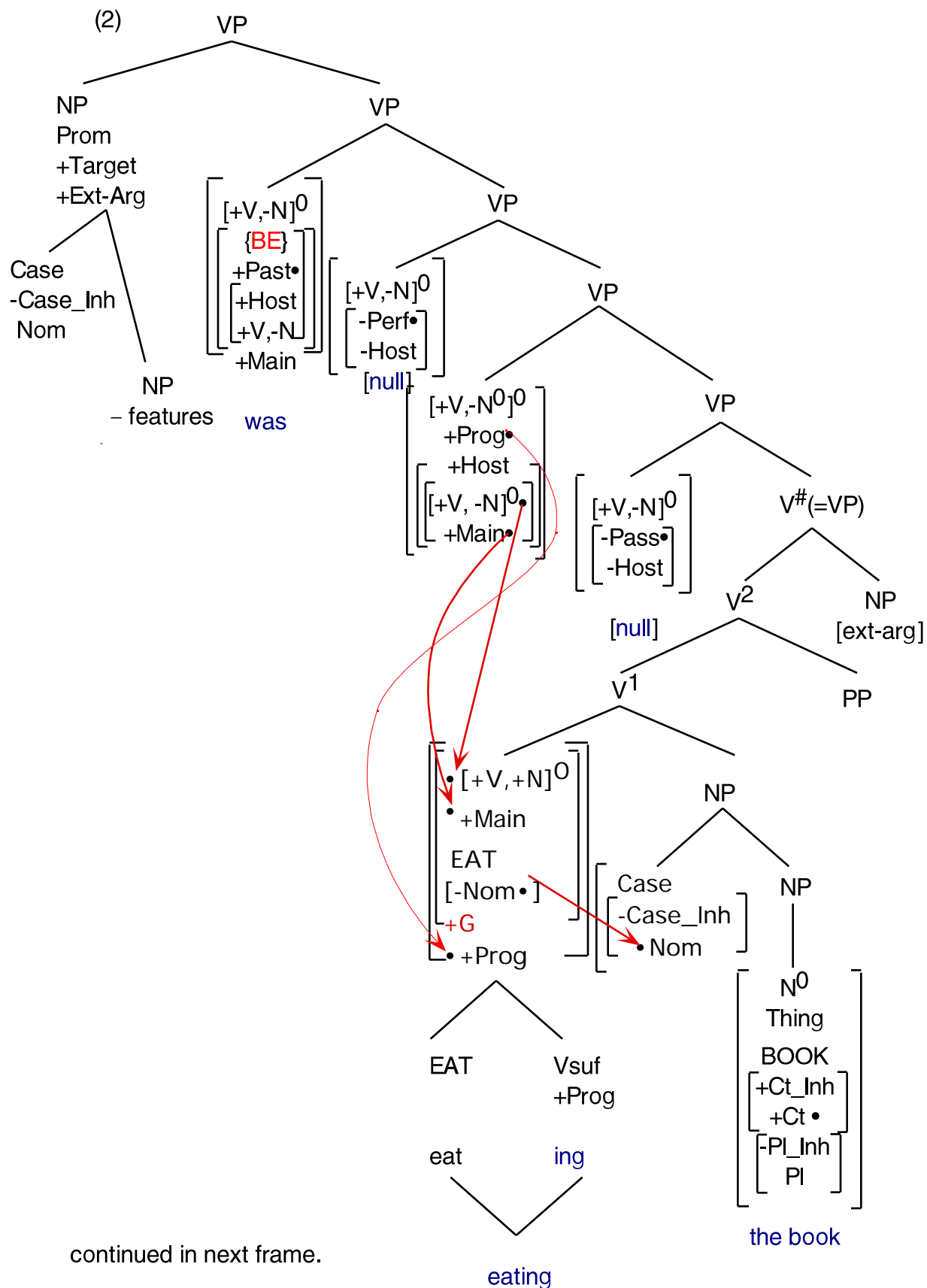
Exercises S2003

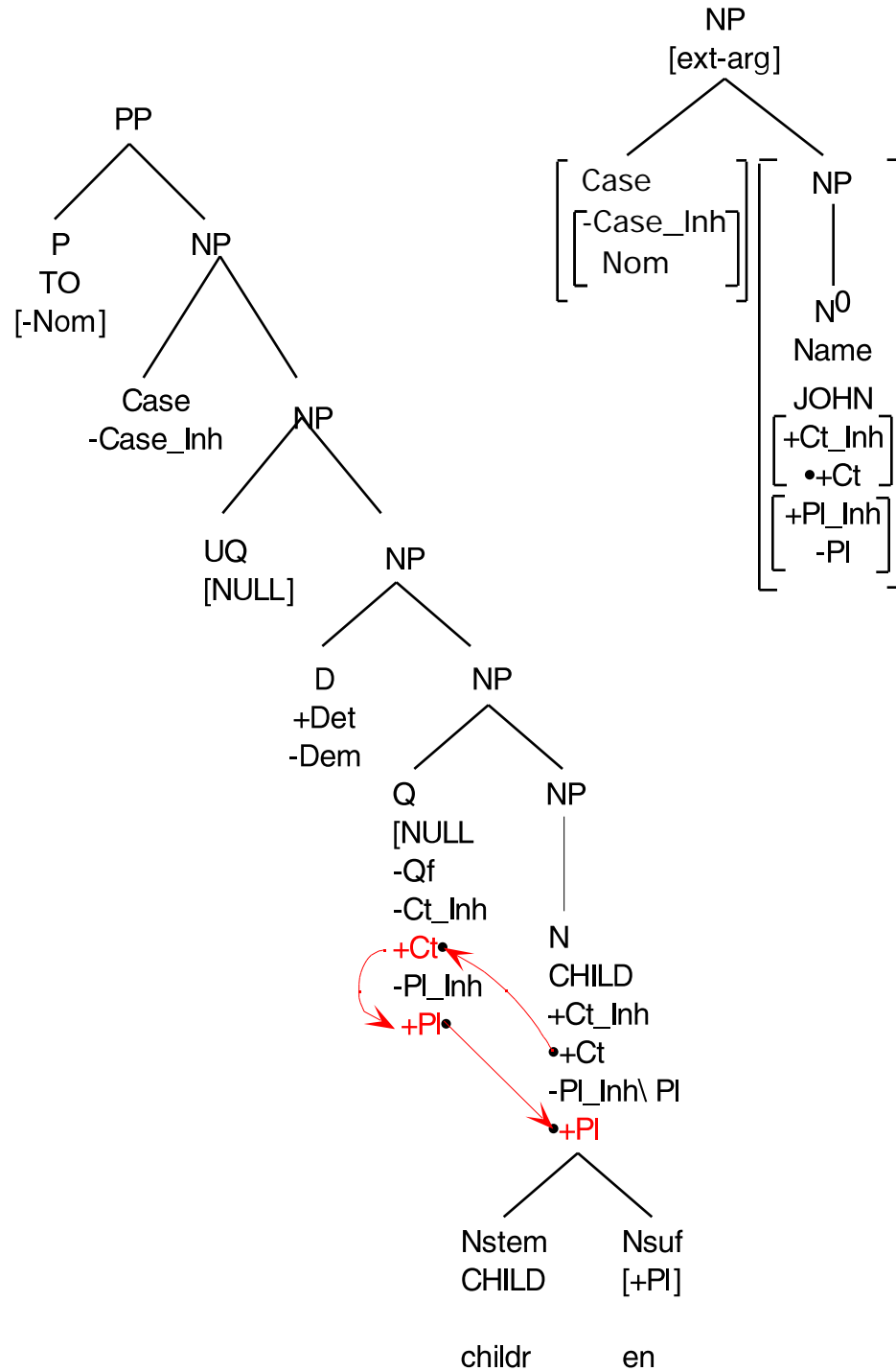
Exercise 8:

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 mood:

(1) Bill was reading the book to the children.

[Note: the PP here branches from V^2 . You may use the short method for the subject and the direct object, but spell out the entire PP.]





2. What is wrong with:

(3) *On the table put the dishes by Molly.

A PP cannot be targeted by Prom.

3. Find all the principles that we have discussed so far in the class, and explain their function.

- (4) Universal principles used in 322 (informally stated):
If a feature has no value, a value must be found for it:

Empty Feature Value Prohibition:

- (5) All features must be assigned a binary value.
The first feature prohibits chaining the value of a feature, which ultimately could change the meaning of the sentence:

Fixed Feature Value

- (6) The value of a feature cannot be changed under any circumstance.

Features must agree when one governs the other:

- (7) Agreement:
If a feature X1 governs X2,
where X is the same feature,
then the value of X1 must agree with X2.

The fourth principle is morphological in nature:

Bound Forms:

- (8) A bound form ([+Host] or [-Free] affix) requires a host or the structure will crash.

The fifth principle permits a process to apply only if there is no other solution. This principle affect *Do*-Support., *Be*-Support and *Have*-Support, and the insertion of pleonastic pronouns:

Last Resort

- (9) Apply this rule only if no other rule can apply.

The sixth principle permits only one lexical item per node This principle bars one node from moving into a node that is already occupied.:

Head Node Lexical Item Constraint

- (10) A head level node may not contain more than one lexical item.

The seventh principle prevents unnecessary (and unwanted) processes:

Least Effort

- (11) Don't do it if you don't have to.

The eighth principle (in essence a universal property) states the CP and NP are cycles:

4. Cite the rule(s) for inserting dummy verbs in English.

$$(12) \quad \begin{array}{l} [\{\text{NULL}\} \rightarrow \{\text{BE}\}] \quad / \quad \left[\begin{array}{c} \left[\begin{array}{c} V_i^0 \quad \text{---} \\ +\text{Host} \\ +\text{G} \end{array} \right] \dots \{ [+Pass], [+Prog] \} \\ \downarrow V_i^1 \end{array} \right] \\ \\ [\{\text{NULL}\} \rightarrow \{\text{HAVE}\}] \quad / \quad \left[\begin{array}{c} \left[\begin{array}{c} V_i^0 \quad \text{---} \\ +\text{Host} \\ +\text{G} \end{array} \right] \dots [+Perf] \\ \downarrow V_i^1 \end{array} \right] \end{array}$$

Condition: V_i^0 must govern the feature on the right.

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