

LING 20 Homework 5

Charles Zhang
Collaborated with: Victoria Delk

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Problem 1

Please provide a list of all the morphemes that occur in the following expressions from Zoque, a language spoken in Mexico. For each morpheme, give both the sounds that represent it and its intuitive meaning. Make sure that the morphemes you provide correctly produce all of the expressions below. Note that there is no morpheme in Zoque corresponding to "a" (indefinite).

[pən]	"a man"	[teʔ nanah]	"the mother"
[pənʃehtaʔm]	"like men"	[nanahkotoya]	"for a mother"
[ʔunehiʔŋtaʔm]	"with children"	[yomohiʔŋtaʔm]	"with women"
[pənkotoya]	"for a man"	[maŋkeʔtpa teʔ nanah]	"The mother also walks."
[pənkəsifəh]	"like on a man"	[maŋu teʔ ʔune]	"The child walked."
[pəntaʔm]	"men"	[maŋu teʔ yomo]	"The woman walked."
[nanahhiʔŋ]	"with a mother"	[maŋpa teʔ yomo]	"The woman walks."
[pənkəsitaʔm]	"on men"	[minpa teʔ ʔune]	"The child comes."

Sound	Intuitive Meaning
• [pən]	"man"
• [teʔ]	"the"
• [nanah]	"mother"
• [ʃeh]	"like"
• [taʔm]	plural subject
• [kotoya]	"for"
• [ʔune]	"child"
• [hiʔŋ]	"with"
• [yomo]	"woman"
• [maŋ]	"walk"
• [keʔt]	"also"
• [pa]	-s
• [kəsi]	"on"
• [u]	-ed
• [min]	"come"

present tense
past tense.

Problem 2

Consider the following words from Samoan. The plural forms in the column on the right are produced from the words on the left by the same morphological process.

[nofo]	"s/he sits"	[nonofo]	"they sit"
[ʔalaga]	"s/he shouts"	[ʔalalaga]	"they shout"
[alofa]	"s/he loves"	[alolofa]	"they love"
[manaʔo]	"s/he desires"	[mananaʔo]	"they desire"
[atamaʔi]	"s/he is wise"	[atamamaʔi]	"they are wise"
[savali]	"he walks"	[savavali]	"they walk"
[pese]	"he sings"	[pepese]	"they sing"
[matua]	"s/he is old"	[matutua]	"they are old"

a) What is the name of this morphological process?

Partial reduplication



b) Please state in plain English a rule that produces the words on the right from the ones on the left. Be as precise as possible in formulating this rule and make sure that it produces the right result for each of the words above.

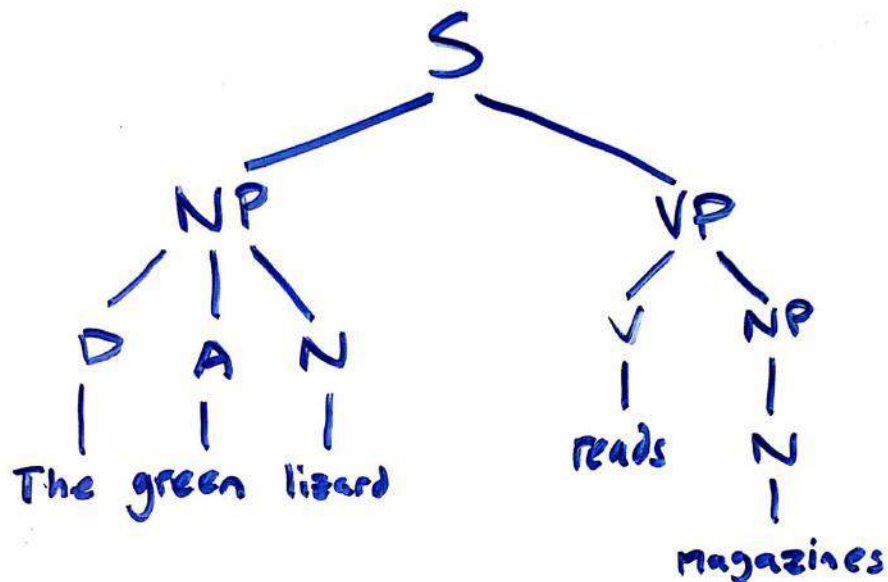
Double the last CV sequence that doesn't contain the end of the word to change s/he to they.

ok

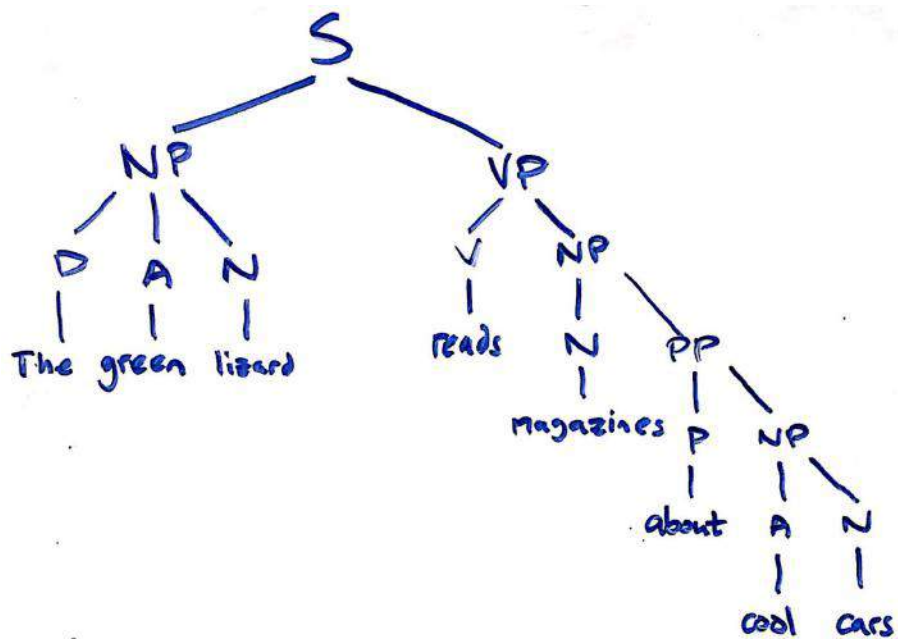
Problem 3

Using the phrase structure rules that we have so far (slide 12 of the phrase-structure-rules pdf) provide the syntactic trees for each of the following sentences.

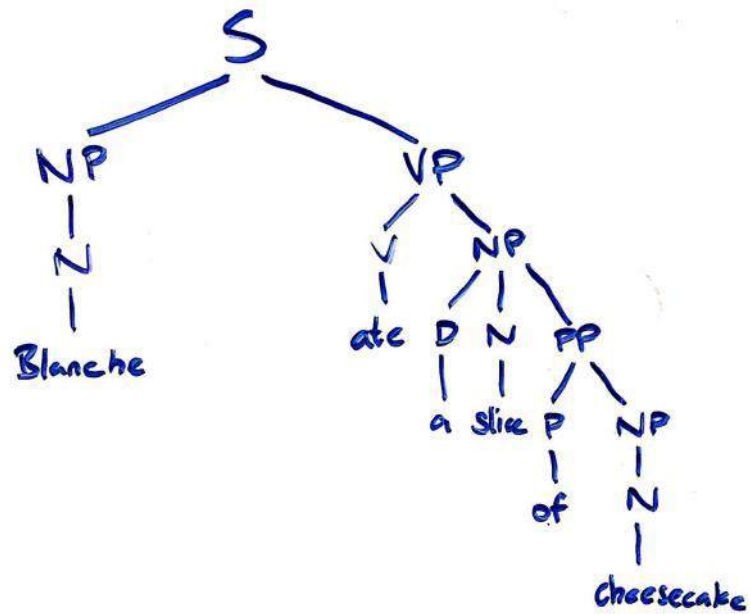
a) The green lizard reads magazines.



b) The green lizard reads magazines about cool cars.



c) Blanche ate a slice of cheesecake.



d) The woman from Duluth reads a book.

