

LING2005 Syntax I

Tutorial: Head Movement I

Yige Chen

The Chinese University of Hong Kong

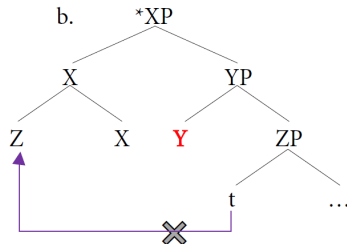
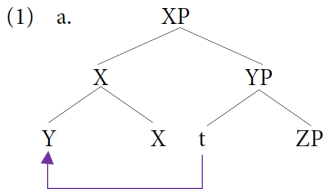
Based on tutorial handouts by Dr. Zhuo Chen

April 12, 2023





- **The process:** A head moves to another head position and forms a complex head (1a)
- **The motivation:** A way of providing bound morphemes (T head) a host for pronunciation
- **The constraint:** Head movement is local (intervening heads cannot be skipped) (1b)





Two types of head movement in English we have seen so far

- **V-to-T**: auxiliaries (*have* and *be*)
- T lowering to lexical V (**affix hopping**)



V-to-T: auxiliaries (*have* and *be*)

- Eason Chan **has** not eaten pineapple buns.
- *Eason Chan not **has** eaten pineapple buns.
- Eason Chan **is** not eating pineapple buns.
- *Eason Chan not **is** eating pineapple buns.

have < NEG

*NEG < *have*

be < NEG

*NEG < *be*



T lowering to lexical V (affix hopping)

- Eason Chan often **eats** pineapple buns.
- Eason Chan **eats** often pineapple buns.

Adv < Lex Verb

*Lex Verb < Adv



T lowering to lexical V (affix hopping)

- Affix hopping is **blocked** when there is a **negation** in a **declarative** sentence
- *Do*-support: when affix hopping is blocked and there is no other option for supporting inflectional affixes, insert the dummy verb “*do*” into T.
- *Eason Chan eats not pineapple buns. *V-to-T
- *Eason Chan not eats pineapple buns. *T-to-V (affix hopping)
- Eason Chan does not eat pineapple buns. *do*-support



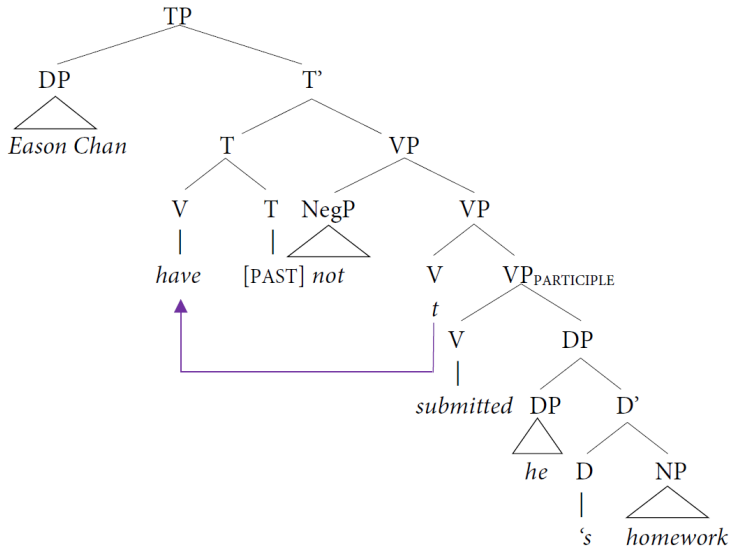
Please draw the surface structure for each of the following English sentences, make sure to include all head movement operations that are relevant. You may only use triangles for constituents that only consist of a single word.

- Eason Chan had not submitted his homework.
- Eason Chan happily submitted his homework.
- Eason Chan did not submit his homework.
- Eason Chan has been submitting his homework.
- (French)

Je (ne) savais pas que Patrice oublie souvent ses chaussures
I knew NEG that Patrice forgets often his shoes
“I didn’t know that Patrice often forgets his shoes.”

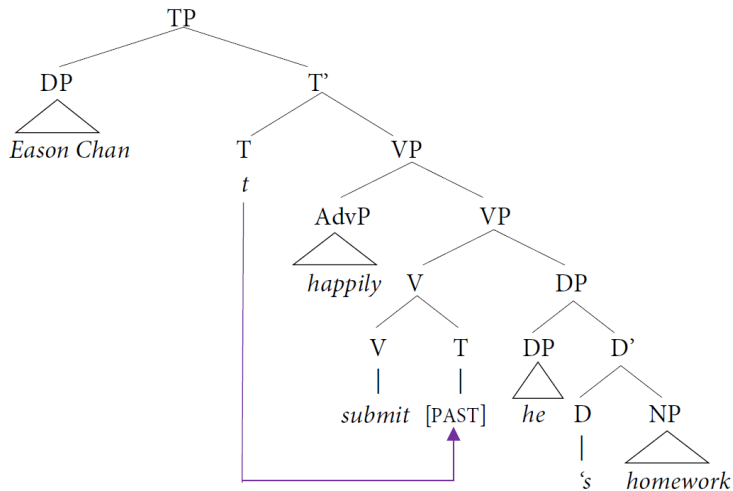


Eason Chan had not submitted his homework.



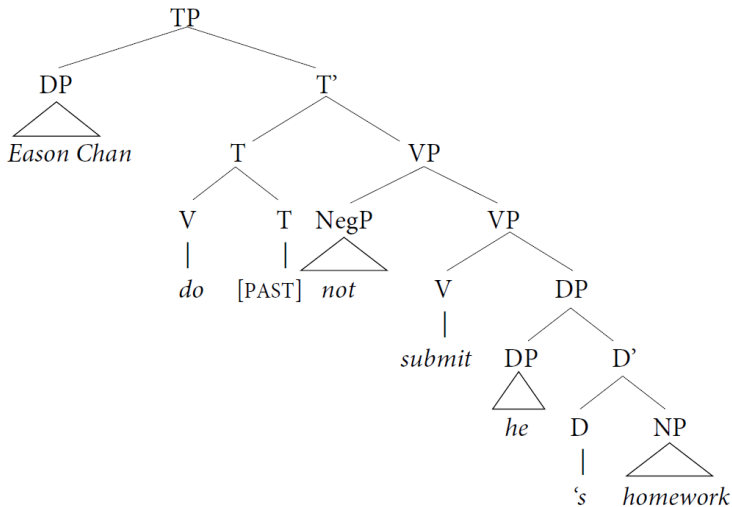


Eason Chan happily submitted his homework.



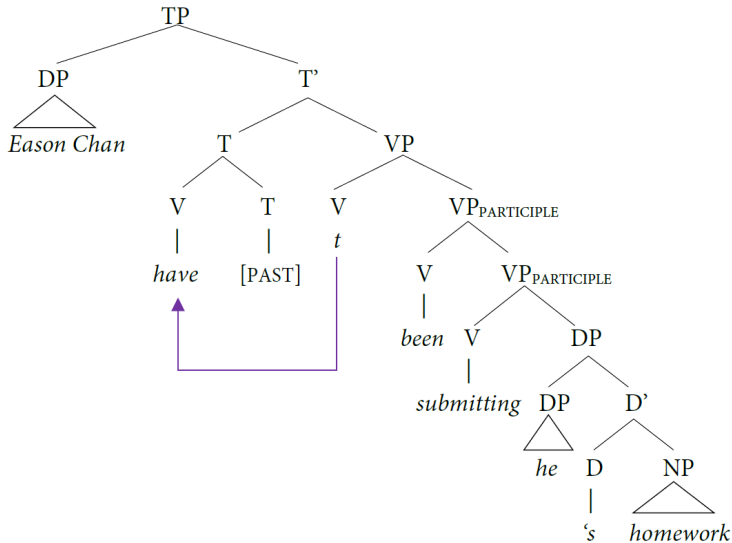


Eason Chan did not submit his homework.



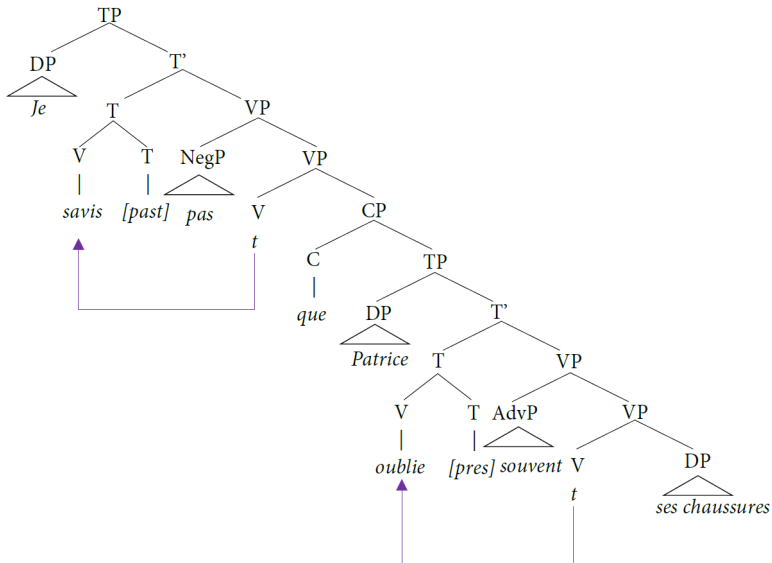


Eason Chan has been submitting his homework.





Je (ne) savais pas que Patrice oublie souvent ses chaussures.





- Please scan the QR code and complete the attendance form