

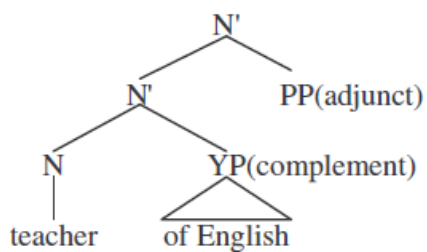
I. Checking the homework

Ex. 14, a) and c)

Exercise 14

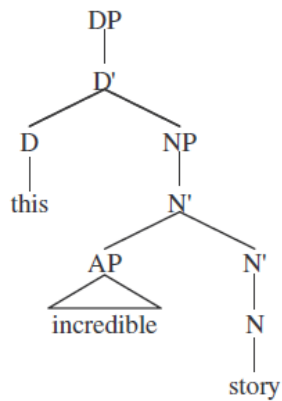
The X-bar theory predicts that in English the following sentences are ungrammatical. Explain how the X-bar theory can account for the ungrammaticality of the sentences below. Notice that the phrases in italics are responsible for the ungrammaticality of the sentences.

- (1) a **The teacher from France of English* likes going to open lectures.
 b *Mary often *drives too fast her car*.
 c **Every student in Cambridge of Physics* gets an excellent job.

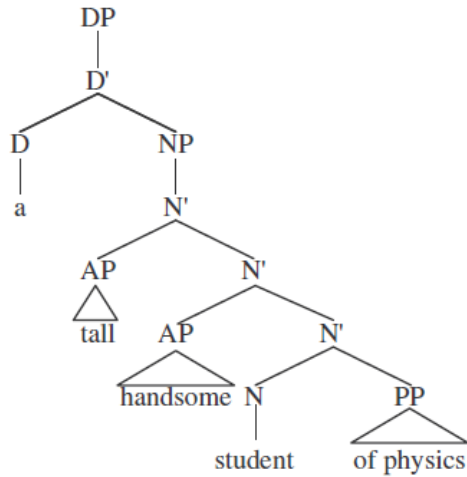


Ex. 15

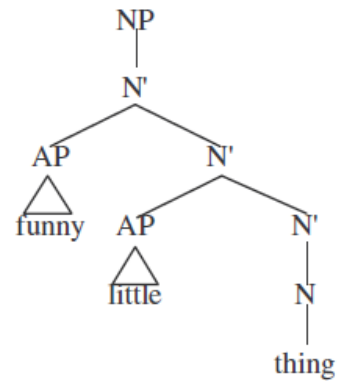
c)



d)



e)



II. What is the theta-role (= thematic role or semantic role) of the arguments in bold?

- 1) *One night I was lying in my bed and **I** heard some strange noise.*
 - A) agent
 - B) patient
 - C) experiencer
- 2) *I lent **him** some money that I never got back.*
 - A) theme
 - B) recipient/beneficiary
 - C) goal
- 3) *Have you ever been **to the village called Egyházasdengeleg**?*
 - A) source
 - B) location
 - C) goal
- 4) ***We** ate what you left.*
 - A) agent
 - B) recipient/beneficiary
 - C) experiencer
- 5) *Are you **from Estonia**?*
 - A) source
 - B) location
 - C) goal

Movement. D-structure and S-structure. Theta-criterion and Case Theory. Traces

- There is a syntactic operation called **movement**, which is a central aspect of grammar in English (and not only in English but in many other languages of the world as well)
- Today we'll be talking about movement: what moves where, types of movement, the structure of the sentence before and after movement, and the trace that a moved element leaves behind in the abstract sentence structure

3) Passivisation

- Passivisation: what is originally an object of the verb is realised as the subject of the sentence:

- (6) a. *Shakespeare wrote Hamlet.* → active sentence
 subject object
- b. *Hamlet was written by Shakespeare.* → passive sentence
 subject PP-adjunct

The *by*-phrase (the PP adjunct) may be also missing from the passive sentence:

- (7) *The water was wasted.*

- It is assumed that in a **passive** sentence, the direct object moves from object position into subject position:

- (8)
- a - was wasted the water
- ↓
- b the water was wasted -

Is there something like a passive construction in Hungarian?

Are there passives in: German, Spanish, French, Italian (or any language that you speak besides English)?

4) Subject–auxiliary inversion in *yes–no* questions

- *Yes–no* questions (eldöntendő kérdések): questions that may be answered with a simple “yes” or “no”, like e.g. *Is this the end?*

→ Are *wh*-questions *yes–no* questions as well?

- In *yes–no* questions in English, the auxiliary verb and the subject appear to switch places
- It is assumed that the auxiliary moves to a position to the left of the subject:

- (9)
- a - this is the end
- ↓
- b is this - the end

5) Extraposition

- Splitting a constituent across the structure
- The PP *for the new car park* in (10) is the complement of the noun *plans*:

- (10) [DP The [NP plans [PP for the new car park]]]

- The PP *for the new car park* can be moved out of the subject DP into the sentence final position, cf. (11b) – this process is called **extraposition**:

- (11)
- a the plans for the new car park were released -
- b the plans - were released for the new car park

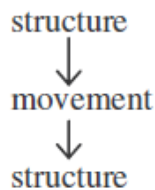
- Topicalisation, wh-movement, passivisation, subject-auxiliary inversion are leftward movements
- Extraposition is a rightward movement

Construct an example of 1) topicalisation, 2) passivisation, 3) extraposition

2 D-structure and S-structure

- There are two levels that can describe the structure of any sentence: a level before movement takes place and a level after movement:

(12)



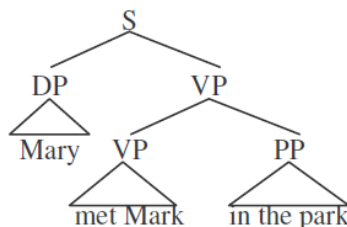
- The **difference** between the two levels of structural description will simply be the **positions** that the moved elements occupy

- (13) a. *Mary met Mark **in the park**.* – before movement
b. ***In the park**, Mary met Mark.* – after movement

What type of movement do we have in (13a-b)?

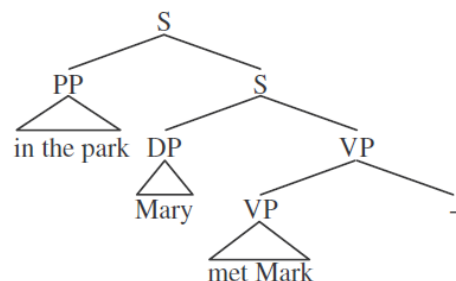
- The structure before movement:

(14)



- The structure after movement:

(15)



- The structure before movement takes place = a **D-structure** ((14) is a D-structure)
- The postmovement structure = **S-structure** ((15) is an S-structure) ('D' and the 'S' originally stood for *deep* and *surface*)
- Theta-role **assignment to arguments happens at D-structure**, while
- **Case assignment to arguments (nominative/accusative) happens at S-structure**

2 D-structure and Theta-theory

- There may be different principles that operate at the D-structure level and the S-structure level, and
 - a D-structure principle may require a constituent X to occupy a certain position,
 - an S-structure principle may require X to occupy a certain position,
 - and if these two positions are not the same then X will have to **move** from its D-structure position to the required S-structure position.

- What determines which form the pronoun appears in is its S-structure position. If a pronoun is the subject of a finite (tensed) clause it will be **nominative**, anywhere else it is accusative:

- (21) a. **he** has helped her
 b. **I** consider [him to be unkind to us]

- The notion of **Abstract Case**: we say that at an abstract level of description, not only personal pronouns but every DP argument has a Case (either nominative or accusative), even when it is morphologically not visible (with nouns and proper nouns it's not visible)

- In the previous section we said that in passive sentences, the argument that sits in the subject position at S-structure occupies the object position at D-structure:

- (22) a. D-structure: *was fired Ken* (**Ken** = direct object)
 → Ken moves to subject position, so we get (22b):
 b. S-structure: **Ken** *was fired* (**Ken** = subject)

- However, subjects of passive sentences are in the nominative case (and not in the accusative, even if they are direct objects in D-structure):

- (23) **He** *was fired*
 (**Him was fired*; **Was fired him*)

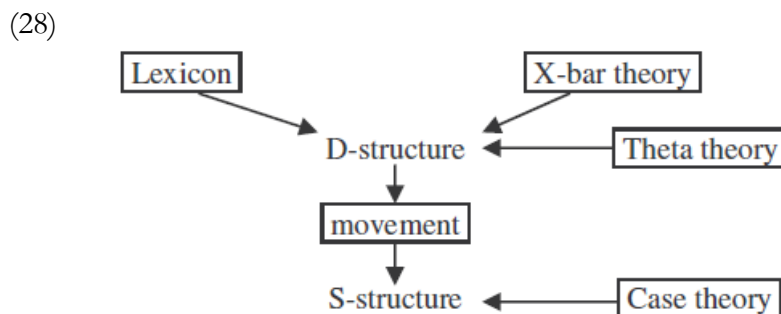
➔ **What counts for the purposes of Case assignment** is not the position of the argument in the D-structure but its **position in the S-structure**

- **DP-s receive a case (nominative/accusative) at S-structure**
- So subjects of finite clauses will be in the **nominative Case** (24), while anywhere else a DP will be in the accusative Case (25), (26) even when the distinction is morphologically not visible (*Ken* has the same form but different cases in these sentences):

- (24) **Ken/he** *was fired.* → *Ken/he*: subject → nominative Case
 (25) *The boss fired Ken/him* → *Ken/him*: direct object → accusative Case
 (26) *This letter is for Ken/him* → *Ken/him*: complement of a preposition → accusative Case

- A principle that operates at the S-structure level:

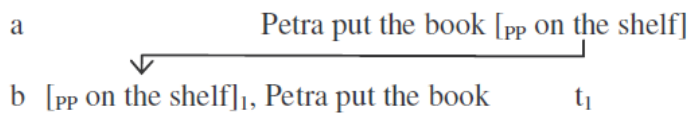
(27) **The Case Filter: All DPs must be assigned Case.**



5 Traces

- The position in which elements originate at D-structure = **Extraction site**
- The positions they move to at S-structure = the **Landing site**
- When an element moves, it leaves behind a copy of itself in the extraction site → this copy is called a **trace** (t)
- The main way in which the trace differs from the moved element is that the trace has no phonological content and hence is unpronounced
- Traces are typically represented by a t , which bears an **index** (marked by a 1 in subscript in sentence (29b) which it shares with the moved element. This indicates that the trace and the moved element have the same reference:

(29)



(30)

- a who₁ did Susan say [Fred helped t₁]
 b who₁ did Susan say [t₁ helped Fred]

What's the difference between the meaning of (30a) and (30b), and how would you translate them to Hungarian?

- (30): the movement of the interrogative pronoun (the *wh*-word) *who* from two different D-structure positions, marked by the trace:
 - In (30a) *who* moved from object position and hence the sentence is interpreted as a question about the one who was helped;
 - In (30b) *who* moves from the subject position and hence the question is about the one who does the helping

Homework: p. 127 Ex. 18 a)-e)

Exercise 18

Identify the thematic roles assigned by each predicate and identify the Cases of the DPs as well.

- (1) a Who do you think Izzy will invite?
 b Terry thinks that the car has been stolen.
 c Frank will fly from New York to Amsterdam.
 d Sally seems to be selected by the committee.
 e I expect this girl to rewrite her essay.
 f For Chuck to choose from these chicks will be hard.