Lec 2 Formal Syntatic Structure from Context? Some toy games
Dialogue pame } Load to surprisingly similar syntatic otructure Epistemic
Formal criteria for sentence? 1. Contains verb? — But need to know what verb is 1. Contains verb? 1. Contains verb? 1. Are there classes like "verb"? Methods of 1951 Book. Some tests? For behaviour of this group Structural Linguistics — Inflection changes Replacements Chomsky's big more.
A simple solution: V > lay & Chomsky's big move. This is a "hypothesis"
For now, look at written language
We should leave without delay . Not some as lay
-> Well delay don't mean the some as lay? X No good
-> Use method - replace lay with sit desit?
I lay down We lay the table Different tokens. Not enough to say lay and delay are
différent tokens.
These tests are weak and have problems I lay the tools Sit? West? Whoh
vest!

Chomsky: we need hypothesis instead.

Hypothesis: lay would be a verb.

Try: S → NP VP NP → Det N VP → V NP V → lay

There sentences

Very common when ppl & describe still scene.

> There's a figurine on top of a block.

→ Zellig, Harris 1956: there's transformation going on.

NtV \leftrightarrow there t V N tense

A ghost appeared -> There appeared a ghost

- > A figurine is on top of a block.

But why do this? Try to figure out the function of there? Helps to get away from deriving all forms independently from grammar? So now we only need to worry about the kernal centence.

Another transformation use case

kernal 1: The dog barked. The dog barked and

kernal 2: The cat meowed. the cat meowed.

kernal 1: The dog barked. If the dog barked, then the cat meowed.

But ...

My socks go. There go my socks.

But this there seems to refer to place ...

One more thing from dialogue B: Do you see a dark spot...?

A: No, I see a light spot.

C: That's probably the Dalmation.

hedge? or adverb? "epistemic adverb"! Aside Notice silly isn't verb. Try:

There's Silly, the Dalmation.

... what if silly is the Dalmation's name? How to prevent this situation? > phiralise "Dalmation"? Some replacement: That must be the Dalmation conda clear class in English with predictable behaviour. - No subject ogreement (modal auxilaries) - Can start yes/no questions sub-aux inversion - Negation pottern: can go before negotion It must not be ... * It runs not. < Wait what? Chamsley to handle this: Another dialogue? With time line E= event R= reference inne S= now Now

S

S

Paet future

Affix hopping rules

Silly will be eating at 3 o'clock.

Transformation:

we get:

will -s be eating A bit V Af V V Af complicated. will be eating