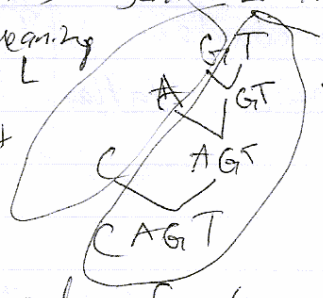
Panini – mills method – minimal pair – parts contribute to meaning
everywhere is an animal every rock is an animal – parts ignore meaning, just parts
Galileo saw a patrician w/ a telescope
– can be true & false in same situation – structure
notation systems tarskys tools SL ≠ L={A, C, G T}
need parts & structure for meaning
Makes no sense to think about semantics w/o syntax



prefixation
SL FR_p LSL
if y∈L &
z∈SL the
YZ∈SL

Modeltheor application, used a function to get value of parts

TT is a formula to take n Constants and put in P_n or
P D_1 → Pow(D) RD_2 → Pow(D²) SD_3 → Pow(D³) P_3 is not ok
{1,2,3} ⟨1,2⟩

Bloomfield putting labels on substitution classes
CFG the chomsky's language of formula and materials
α → β_1 → β_n
- made minimal grammars & rules like in Intro
formalization brings out hidden assumptions
problem 1 removed mnemonic names found headedness (some context sensitivity)
problem 2 IV TV DV or W X Y, introduced subcat frames
– tells us the semantics, same as | place 2 place 3 place
PD_1 = ⟨NP⟩
PD_2 = ⟨NP; NP⟩ etc will give semantic type
– percolates up the tree, waiting for args etc
makes a tree Alice admires Beth – just after if we wiggle the bottom, the top can change

Now problem from 80s has bad solution

① Bill read
② Bill read a book
— If ambig cant say ② entails ①
③ Bill read something and ② entails ③
③ entails ①.

over
afterwards
part whole relations — relational nouns / internal extras
natural language not model theoretic

inspreded

translation semantics translate
quatre vent dix neuf = 99
natural languages have to name unit
you have to stop
all natural lgs are the same
things get added in translation

Borer exoskeletal, endoskeletal info