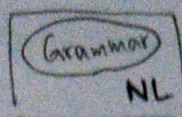


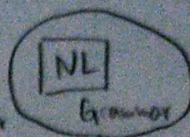
2018:

1.



undergenerate

parser 所產生的 sentence, grammar
符合 NL, 可被理解



overgenerate

parser 所產生的 sentence, grammar
無法完全被 NL 解構,
可能會部份不理解

2. part-of speech: A set of words having similar syntactic properties

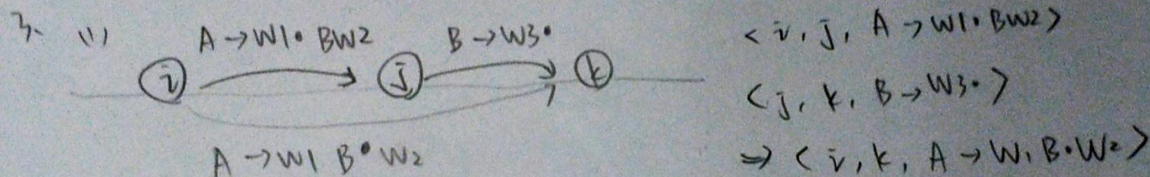
Sex: adjective — large

adverb — quickly

wh-word — who

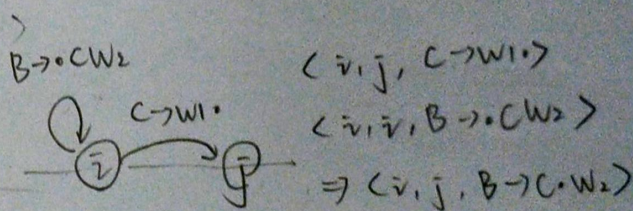
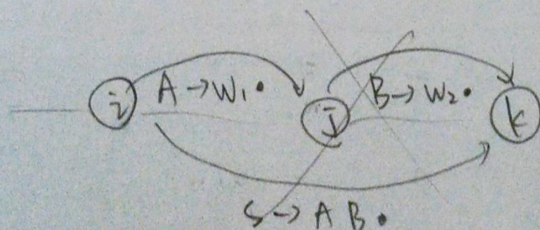
Noun — dog

Verb — touch



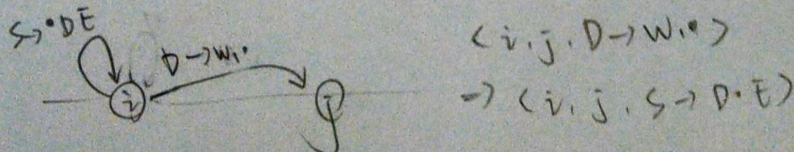
* Chart data structure is neutral with respect to the search strategy

2) Bottom-Up Rule



* Chart Parsing 常用 Chart data structure 來進行剖析演算法

3) Top-Down Rule




2015.3.

1) write down Freg's principle:

組合性原則, the meaning of the whole is a function of the meanings of parts

2) The meaning of the sentence is some function of the meaning of the NP and the meaning of the VP

JE 

ex: Bank 有河岸和銀行的意思

b. MediCenter $\Rightarrow m$, employed $\Rightarrow e$, nurses $\Rightarrow n$

NP en

NP \vee S

NPVPn
|
sn
|
SVP

NPVNP
|
NPVP
|
S

2'

S : men

NPVP

 mVP

↓VP

hvp

8VP

VP: en

$$\begin{array}{c}
 V_{VP} \\
 \swarrow \searrow \\
 d \quad e: en \\
 \quad | \\
 \quad -: n
 \end{array}
 \quad
 \begin{array}{c}
 VNP \\
 \swarrow \searrow \\
 dnp \quad enp: en \\
 \quad | \\
 \quad NP: n \\
 \quad \swarrow \searrow \\
 \quad d \quad (n)mp
 \end{array}$$

8.

用 why, how, when, where, what 做詢問句
再依內容做 Query

$S \rightarrow \cdot NPVP$

WFST 缺棄，只記錄成功的真

$$S \rightarrow \cdot NPVP$$

NP \rightarrow Det N

2017.5.

d) 3 major sources of structure ambiguity

3 major sources of structure ambiguity
A. pp-attachment - PP可修飾的句子太多, let parser 很難判斷語法結構的 ambiguity

coordination — 因為 and, or 等連接詞順序造成的 ambiguity

coordination = 并列句
noun-noun 因为多个名词连接造成的 ambiguity
A and B or C → (A and B) or C
→ A and (B or C)

Q1 ex for lexical ambi-

A: 因為同音不同義 / 一字多義造成的 ambiguity

Bank → 銀行

the dog food 狗的食物 the dog food 狗粮