

5/3 (木) 1976

Abstract Syntax Tree (Parse Tree)

$$G = (N, \Sigma, P, S)$$

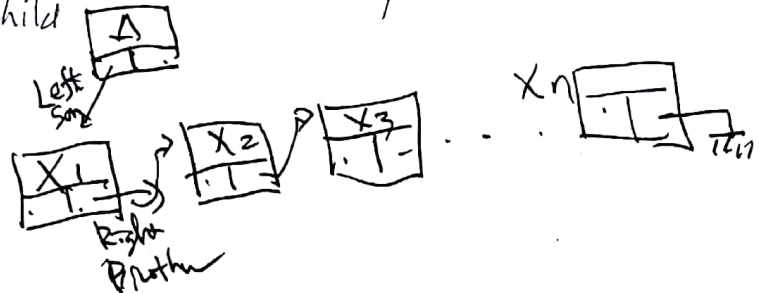
$P \dots$ sub-tree
 $A \rightarrow X_1 \dots X_n$
 $\Sigma' \subseteq \Sigma$ leaf



$\rightarrow P' \subseteq P$ subtrees
 $\Sigma' \subseteq \Sigma$ leaf.



Many tree \rightarrow n-ary tree
 Left son / right brother
 child sibling



Strong LL(k) Parsing



push (guess $A \rightarrow w$)

so verify action

$$A | y \rightarrow w^R | y \in P$$

$$y \in \text{First}_k(W \cdot \text{Follow}(A))$$

$$a | a \rightarrow | \in P$$

HW #4

5/3 exercise

Φ 이(가) SLL(1) 이(가) 관련 것은 문제 1개는 풀기 보낼
 Due 5/10(木) 1시 전까지