

5/22 (木) LR parsing

Chap. 6

Program

Project #2 LL(1) Parser Generating System

Bootstrapping

OS compiler

Input: $G = (N, \Sigma, P, S)$, $z_1 | \dots | z_n$ → a

$G \xrightarrow{\text{lex yacc}} \text{AST} \rightarrow \text{Internal rep.} \rightarrow \text{LL(1) Analysis}$
Chap. 5 TP (10p)

Output: LL(1) parser + parser
• Recursive Descent parser → Test grammar

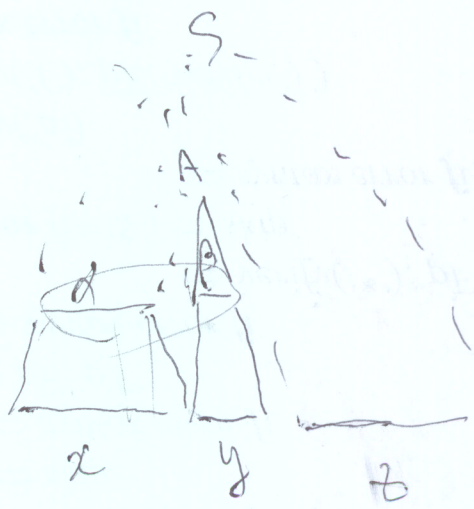
LR(k) Parsing

Left-to-right Scan

Rightmost ~~Parse~~ Parse (reversed order of rightmost derivation)

k-lookahead symbol

Stack - ~~right~~ content (vs LL(k) parsing Right Context)



저장 - $\frac{1}{k}$ 인
shift - reduce
handle
pruning.