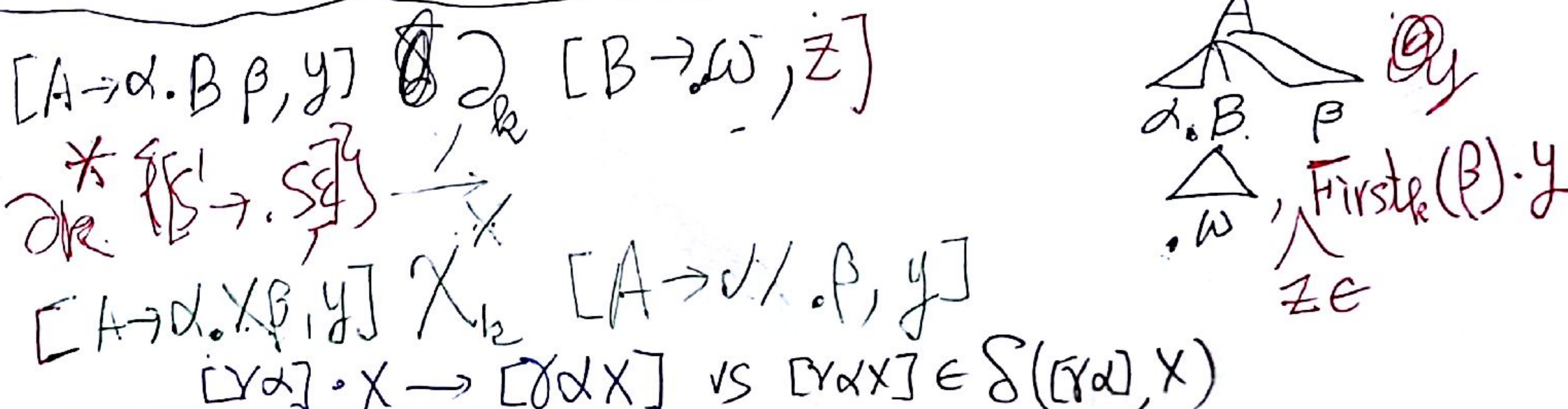
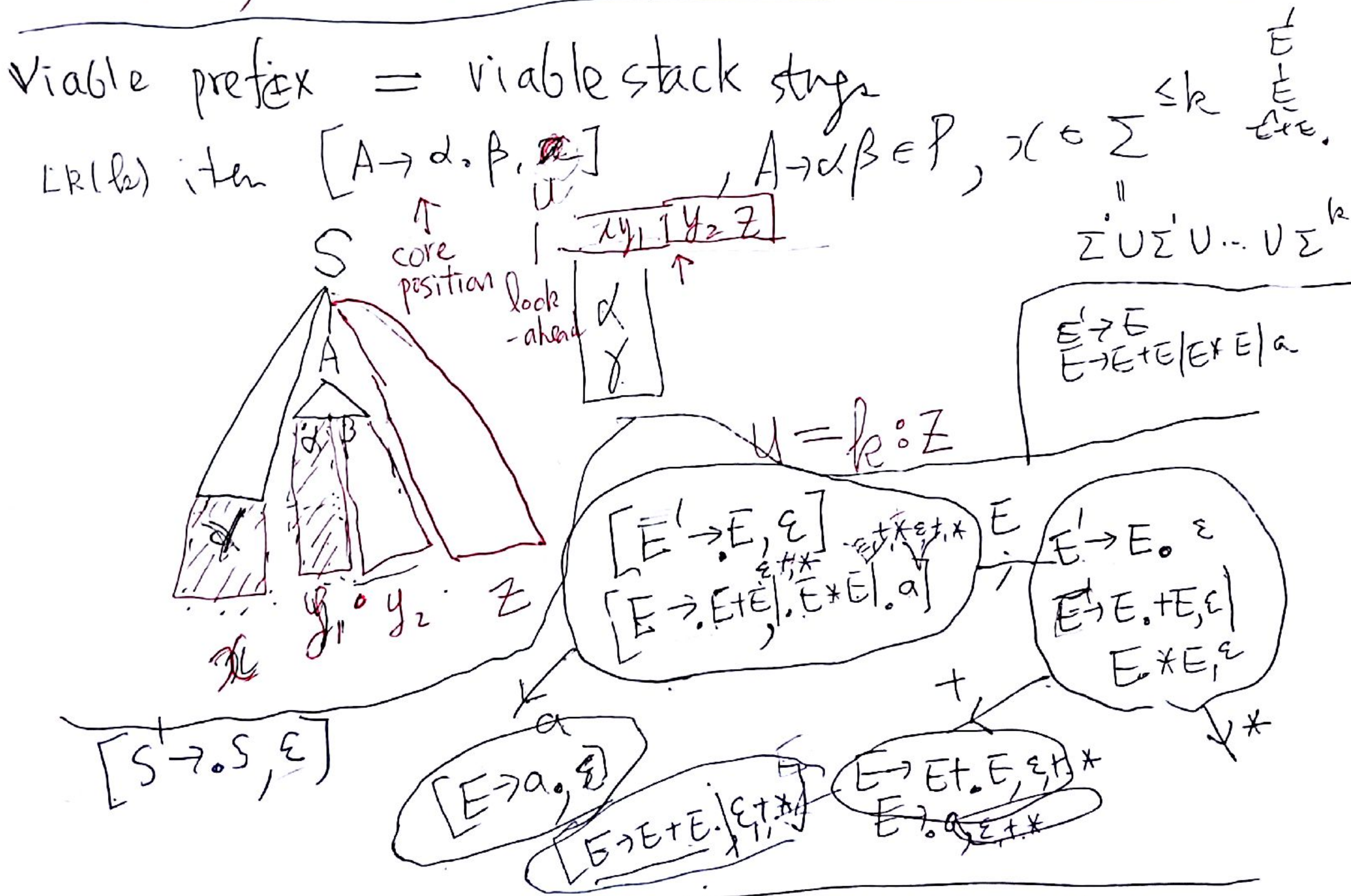


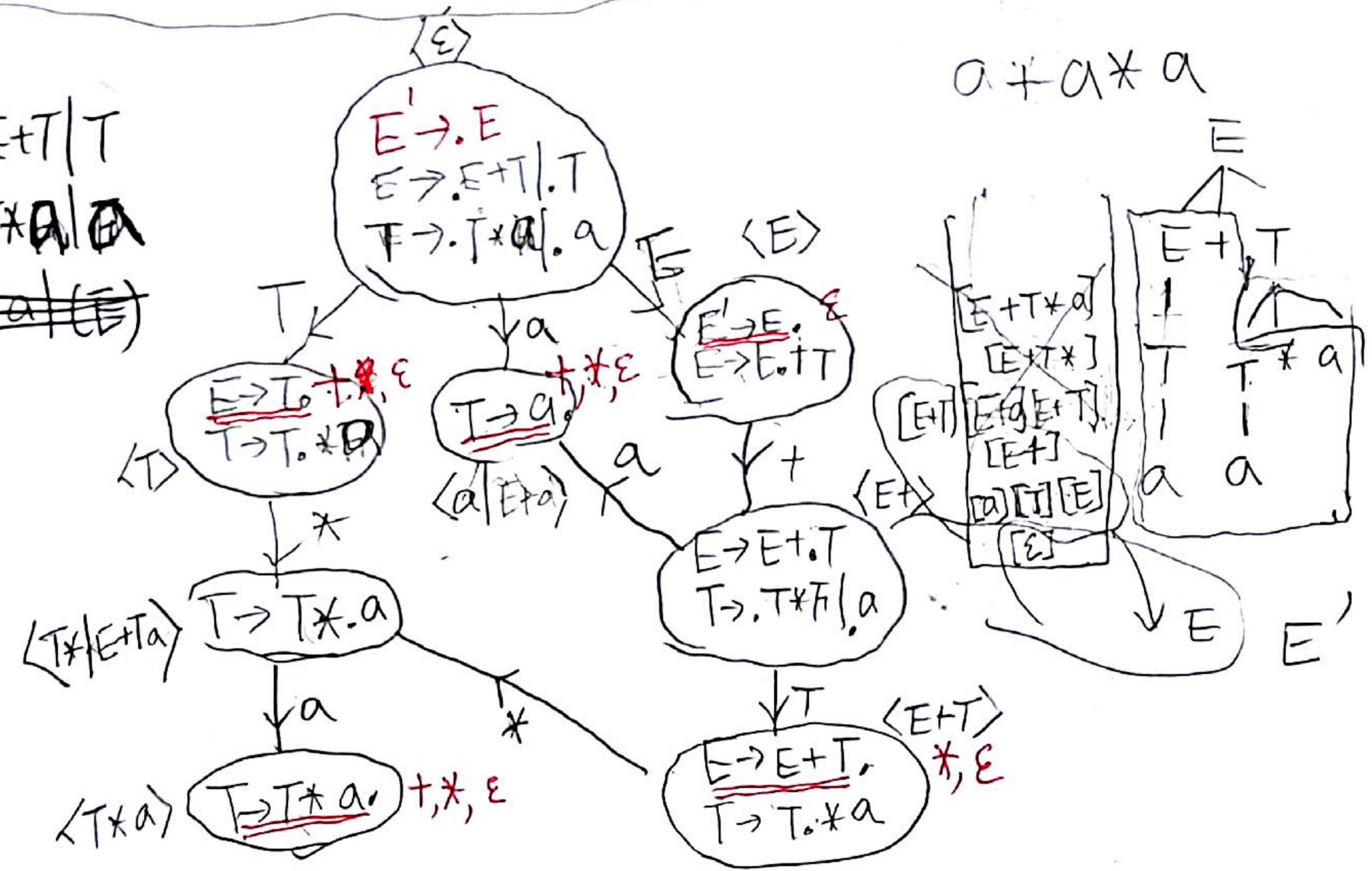
5/14 2018 7/6 Canonical collection of LR(k) states  
 = set of LR(k) items

- produce-shift parser
- guess-verify. (오해(1), 1/2)
- left parser
- SLR(k), LR(k) parser - deterministic
- shift-reduce parser (자장 2/2)
- right parser
- LR(k), LALR(k), SLR(k) parsers - det.



$\partial X^{X_n} (\partial X^{X_{n-1}} (\dots (\partial X^{X_2} (\partial X^{X_1} (\partial ([S' \rightarrow S, \emptyset])) \dots)))$   
 $[X_1 \dots X_n] \quad [X_1 X_2 \dots X_{n-1}] \quad [X_1 X_2] \quad [X_1] \quad [\epsilon]$   
 $\epsilon\text{-nfa} \approx \text{dfa}$  만드는 과정과 같다

예  
 $E \rightarrow E+T \mid T$   
 $T \rightarrow T * A \mid A$   
 ~~$T \rightarrow a \mid \epsilon$~~



Equivalent  $\epsilon\text{-NFA}$  (Rule automata)

