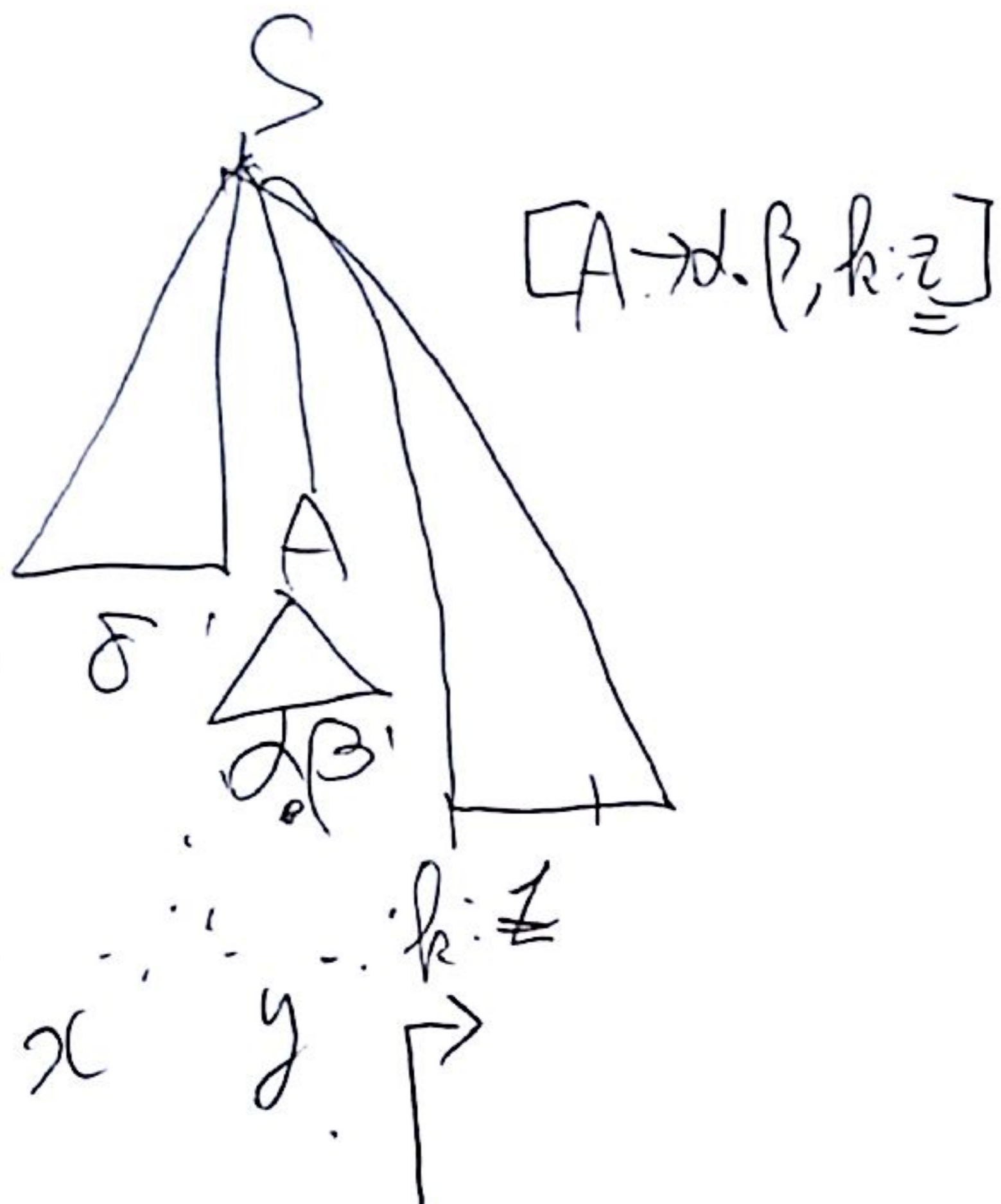


Valid LR(k) items

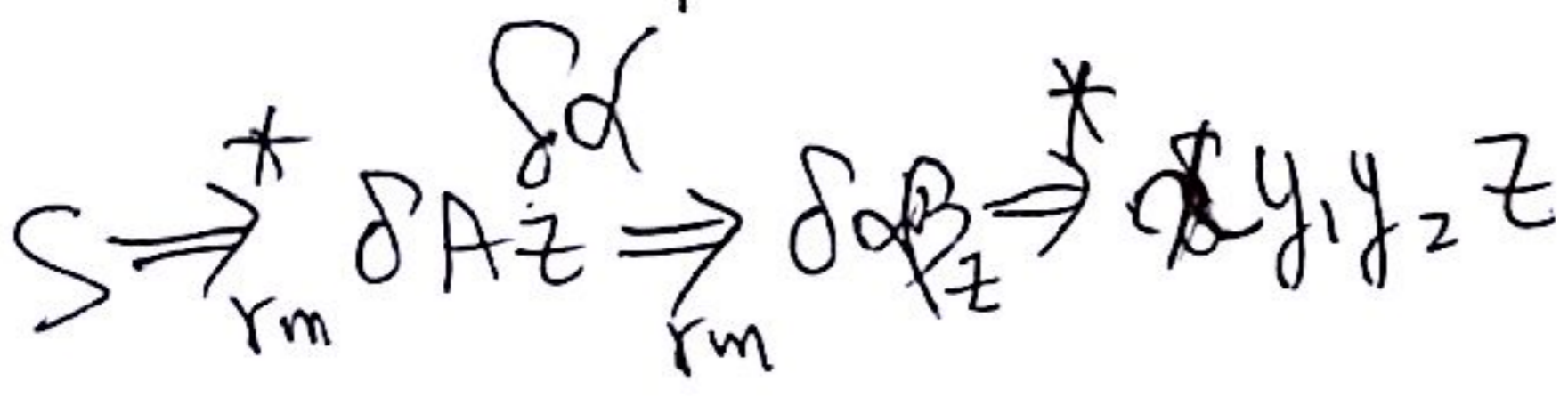


$$[A \rightarrow \alpha \cdot \beta, k: z]$$

Stack: $\delta A \alpha \beta$

shift - reduce

viable prefix



Valid LL(k) items



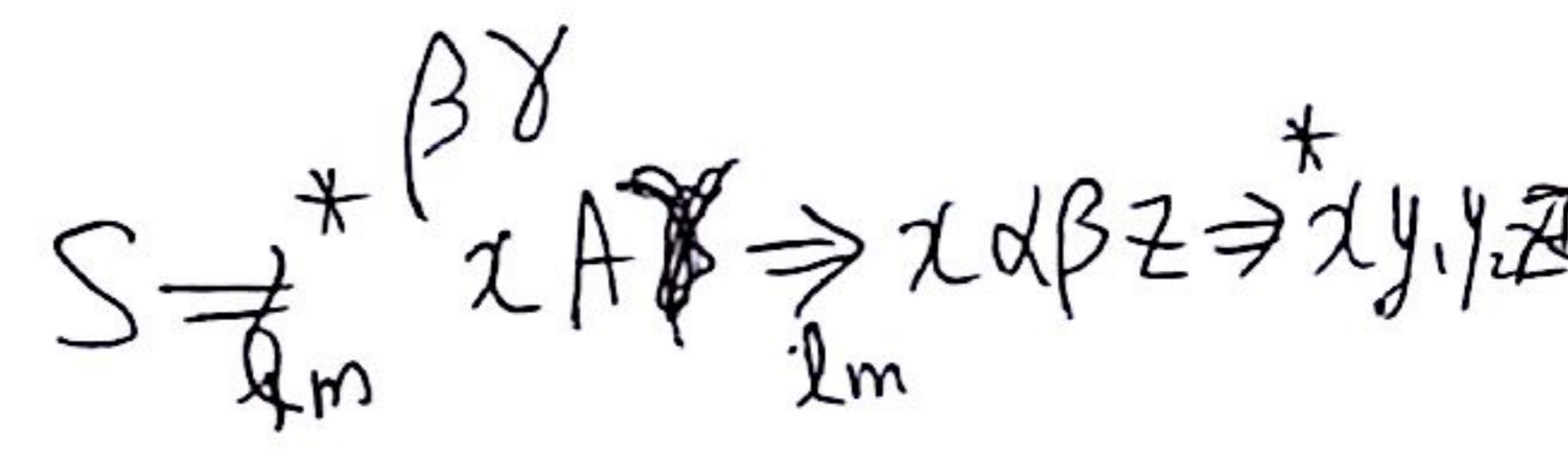
$$[A \rightarrow \alpha \cdot \beta, k: yz]$$

State: $A \beta \alpha \beta \gamma$

LL(k) grammar

produce - shift

viable suffix



A -> alpha dot beta
k - item