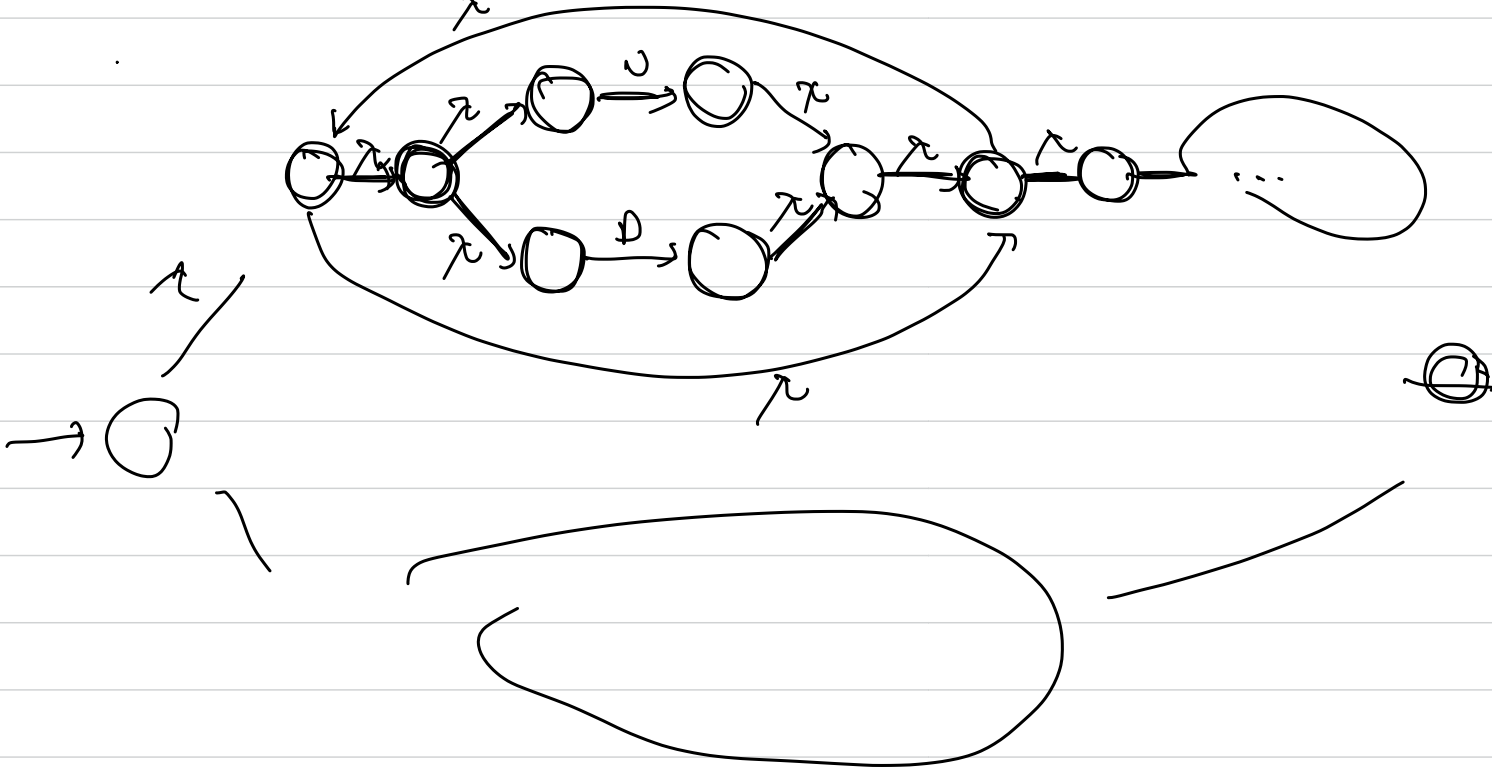


.

상하 좌우 4cm.

$$r = \underbrace{(C, U+D)^*}_{\text{}} (L+R)^* + (L+R)^* (U+D)^*$$



#

$$\left(\frac{J \rightarrow A|B|FB}{M \rightarrow C|D|E|FE} \right)$$

$$K \rightarrow JM|JMJ|JDCJ|JDE|JDEJ|$$

$$S \rightarrow KS|\lambda$$

#

Grammar: $G(\{S, A, B\}, \{a, b\}, S, P)$ $P: S \rightarrow Aa|a, A \rightarrow bB$

$$B \rightarrow b \in$$

regular - grammar

linear - grammar

$$\left(\begin{array}{l} S \rightarrow Aa \Rightarrow bBa \Rightarrow bba \\ \Downarrow \\ a \end{array} \right)$$

1. L_1, L_2

regular Δ

$L_1 \cup L_2 \subseteq \text{regular } x$

$L_1: \{a^n b^n \mid n \geq 0\}$

$L_2: \{a^n b^m \mid n \neq m\}$

$L_1 \cup L_2 = \{a^n b^m \mid n \geq 0, m \geq 0\}$

$= \underline{a^* b^*}$

$G = (\{S, A\}, \{a, b\}, S, P)$ $P: S \rightarrow aSbS \mid bSaS \mid \lambda$

ambiguous

abab

