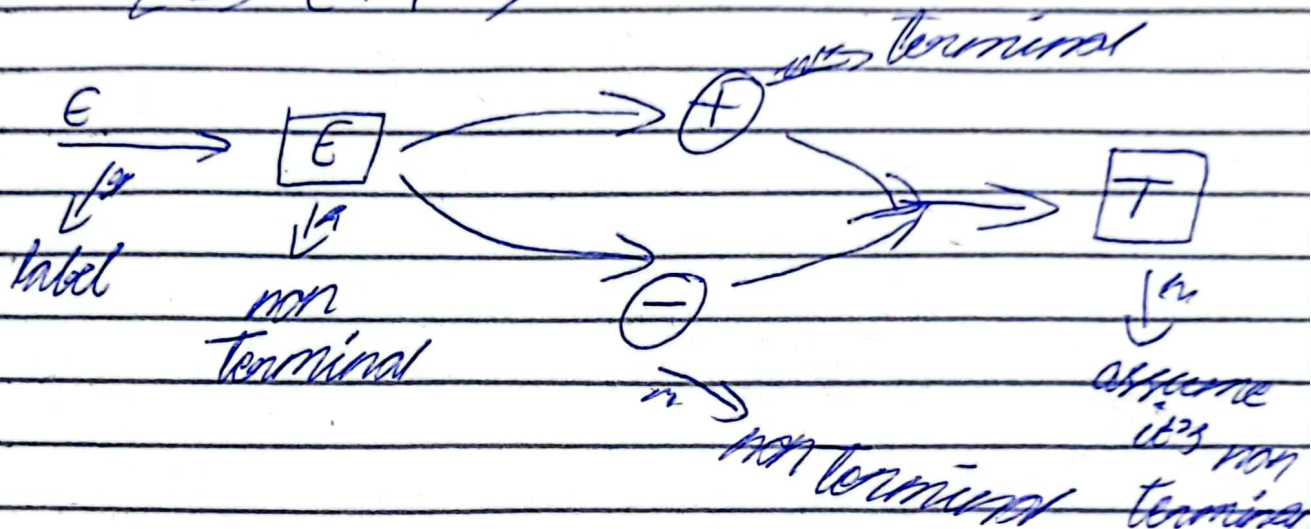


small part of a big grammar

$$E \rightarrow E + T \mid E - T$$

converting to EBNF

$$E \rightarrow (+|-) T$$

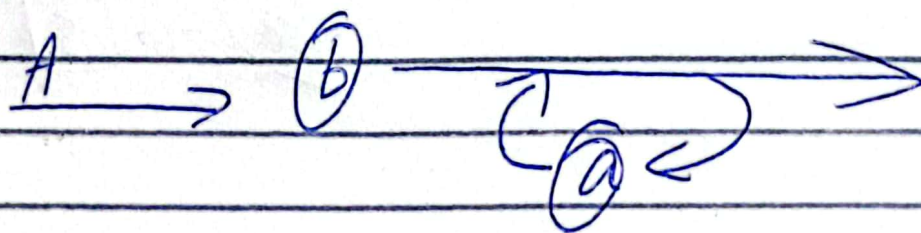


$$A \rightarrow Aa \mid b$$

converting to EBNF

$$A \rightarrow b \{a\}$$

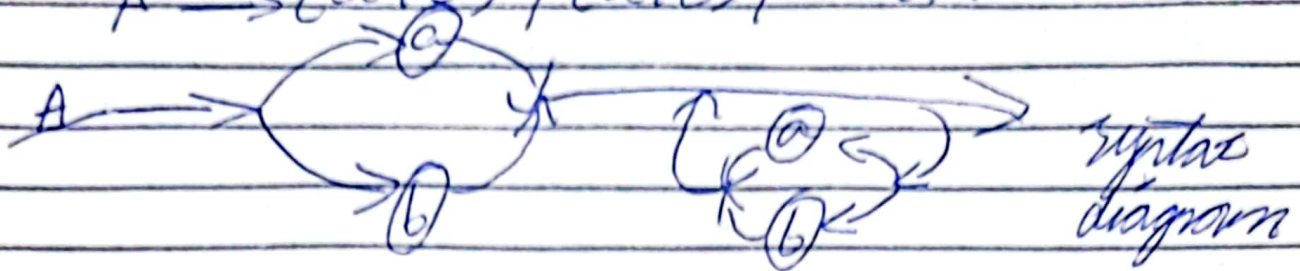
syntax diagram



zero to many
a

$A \rightarrow aA \mid bA \mid a \mid b$ grammar

$A \rightarrow (a|b)^* \{a|b\}$ EBNF



$S \rightarrow J \mid \text{other}$

$J \rightarrow \text{if}(\epsilon) S \mid \text{if}(\epsilon) S \text{ else } S$

$\epsilon \rightarrow 0 \mid 1$

