

Gramáticas regulares

$$G=(V,\Sigma,P,S)$$

- Linear à direita (GLD):

$$\alpha \rightarrow \beta$$

$$\alpha \in N$$

$$\beta \in \Sigma^*(N \cup \{\epsilon\})$$

- Linear à esquerda (GLE):

$$\alpha \rightarrow \beta$$

$$\alpha \in N$$

$$\beta \in (N \cup \{\epsilon\})\Sigma^*$$

Gramáticas regulares

$$G=(V,\Sigma,P,S)$$

- Unitária, linear à direita (GLUD):

$$\alpha \rightarrow \beta$$

$$\alpha \in N$$

$$\beta \in (\Sigma \cup \{\varepsilon\})(N \cup \{\varepsilon\})$$

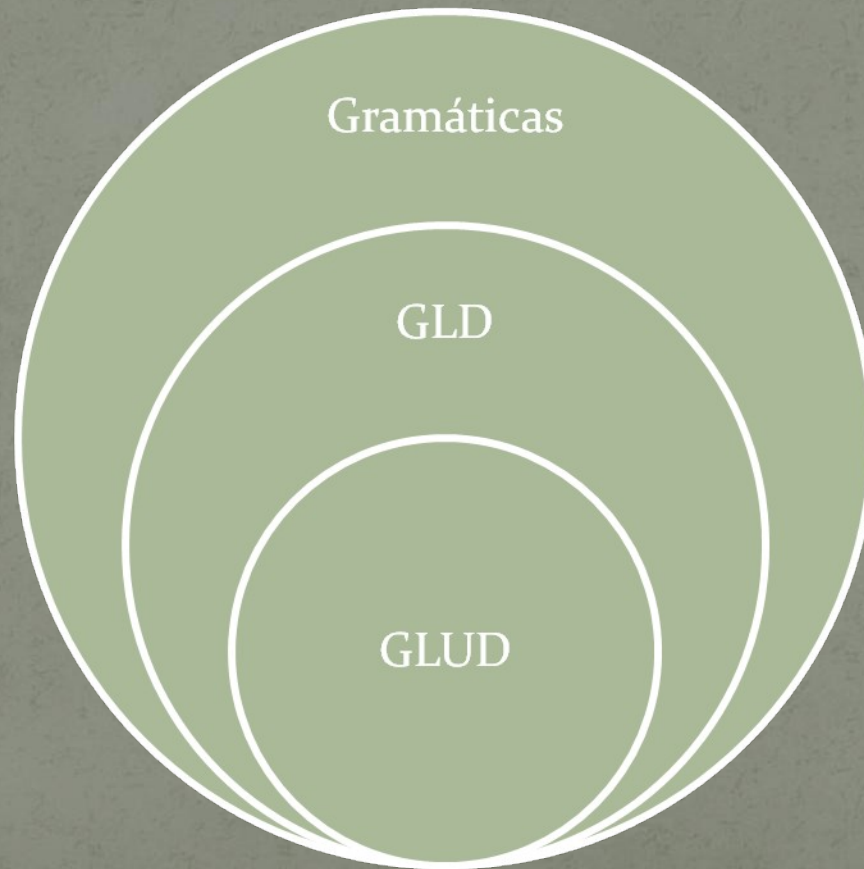
- Unitária, linear à esquerda (GLUE):

$$\alpha \rightarrow \beta$$

$$\alpha \in N$$

$$\beta \in (N \cup \{\varepsilon\})(\Sigma \cup \{\varepsilon\})$$

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• $GLD \Leftrightarrow GLE$

• $GLUD \Leftrightarrow GLUE$

• $GLD \Leftrightarrow GLUD$

• $GLE \Leftrightarrow GLUE$