

Ejercicio 5

Factoriza o elimina la recursion de la izquierda

Gramatica_1

1. $S \rightarrow TS'$
2. $S' \rightarrow +TS' \mid \varepsilon$
3. $T \rightarrow FT'$
4. $T' \rightarrow FT' \mid \varepsilon$
5. $F \rightarrow (S)F' \mid aF'$
6. $F' \rightarrow *F' \mid \varepsilon$

Gramatica_2

1. $S \rightarrow (L) \mid a$
2. $L \rightarrow SL'$
3. $L' \rightarrow ,SL \mid \varepsilon$

Gramatica_3

1. $S \rightarrow G$
2. $G \rightarrow PG \mid P$
3. $P \rightarrow \text{id} : R$
4. $R \rightarrow \text{id} R \mid \varepsilon$

Gramatica_4

1. $S \rightarrow S'$
2. $S' \rightarrow \text{while} E \text{ do } E$
3. $E \rightarrow \text{id} E'$
4. $E' \rightarrow := E \mid \varepsilon$

