1.
$$S \rightarrow 0A0 \mid 1B1 \mid BB$$
 $A \rightarrow C$
 $B \rightarrow S \mid A$
 $C \rightarrow S \mid E$

2) eliminar producciones E

$$S \rightarrow 0A0 \mid 1B1 \mid BB$$
 $A \rightarrow S$
 $B \rightarrow S$

Eiercicio No. 1 (50%) - Para las siguientes dos CFGs:

2. $S \rightarrow aAa \mid bBb \mid \varepsilon$ b) eliminar productions unarias $A \rightarrow C \mid a$

$B \rightarrow C \mid b$ $C \rightarrow CDE \mid \varepsilon$ $D \rightarrow A \mid B \mid ab$

a) eliminar productiones &

5-7 a Aa 1 b Bb

A -> a

B-> 6

(-> (D& D-> AIBlab

2-20 f-71

22 x25 / X24/21

X -> 0 y-7 1

(on version a forma normal:

- D- alblab C)eliminar simbolos in vitiles S-> a AalbBb
- A-> a B-7 b

5-7 a A a | 5 Bb

A-> a

B-7 b

(-) (DE

Conversión a forma normal S-> x Az I YBI X-7 a

5-7 a A a / b B b

A-) a

B-75

2-> 0

d) eliminar no alcanzables

- Y-7 h
- 4-> 6 D-7 alblab
- Made with Goodnotes