Assignment 13

Automata & Theory of Computation

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1. Remove all unit-productions and all Approductions from the grammar with productions

$$S \rightarrow bC \mid a$$
,
 $A \rightarrow aA \mid \lambda$,
 $B \rightarrow bB \mid \lambda$,
 $C \rightarrow AB$. Remove whit-production
 $S \rightarrow a \mid b \mid bC$

Remie 2-production

5-a|b|bC

A7aA|a

B-bB|b

C-AB|A|B

A → aA | a

B → bB | b

C → AB | aA|a | bB | b