Exam Regex 2020

Vincent DAO - INFO 2

[Exercice 1](#_5mxr60yyfv4s)

[a)](#_hlpro8blhzcl)

[b)](#_exueinnp9lub)

[Exercice 2](#_b82qamyaqhxf)

[a)](#_aj1xnypbry09)

[b)](#_g4nd1ymlaklc)

[c)](#_a0813msok1d5)

[Exercice 3](#_4cvq5kfeqn5l)

[L1 :](#_m0lxzcaczuuq)

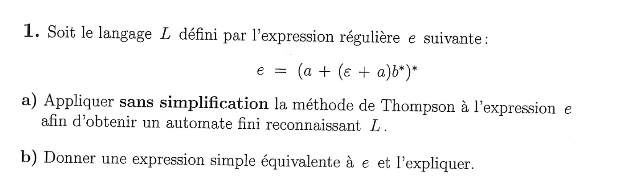
[L2 :](#_8dq304vzsptf)

[L3 :](#_yvs3r1swkmg3)

[L4 :](#_t4kht2voc579)

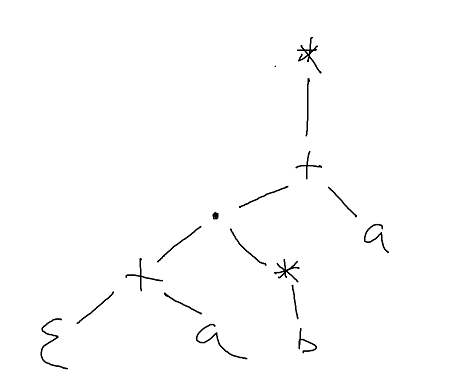
[L5 :](#_e7tehcmjwlvv)

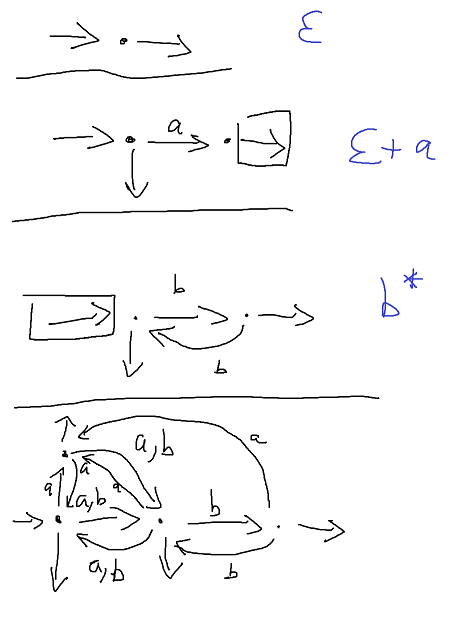
# Exercice 1



## 

## a)

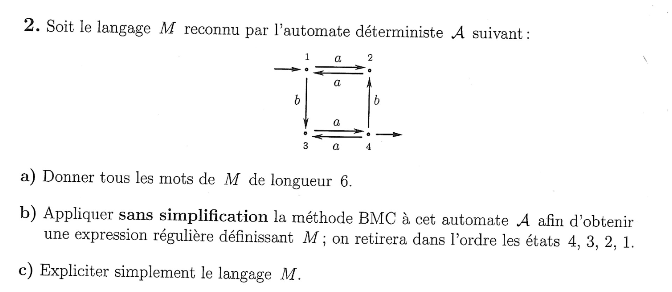




## b)

( a\* + b\*) \*

# Exercice 2

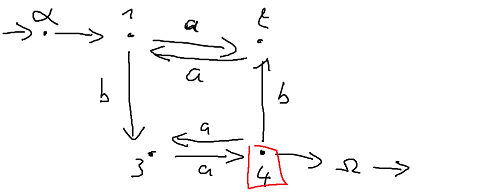


## a)

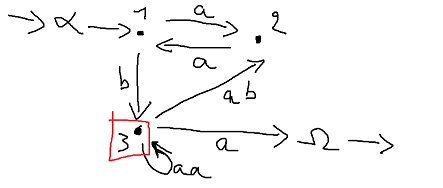
Bababa - aaaaba - baaaaa

## b)

Starting point :



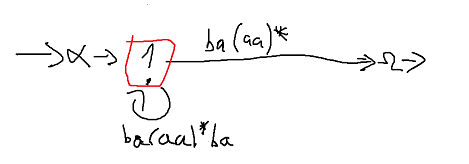
Step 1 : remove “4”



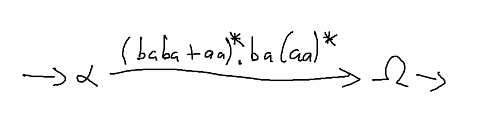
Step 2 : remove “3”



Step 3 : remove “2”



Final step : remove “1”



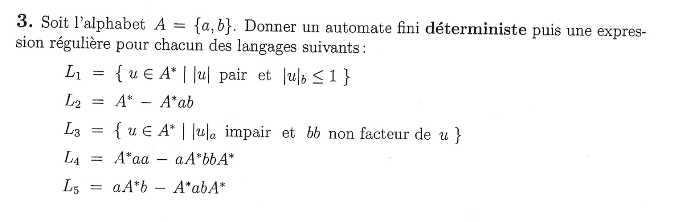
## 

## c)

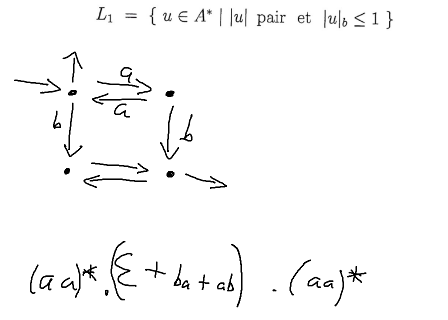
Tous les mots qui n’ont pas 2b consécutifs

“ba” est un facteur du mot

# Exercice 3



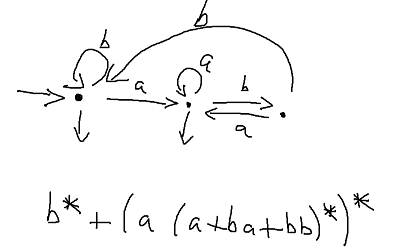
## L1 :



## 

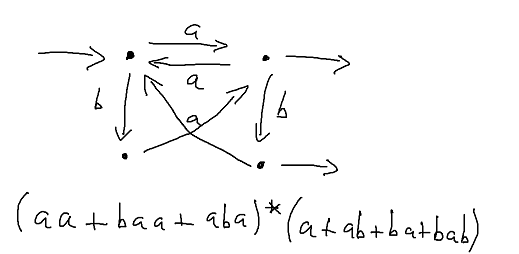
## L2 :





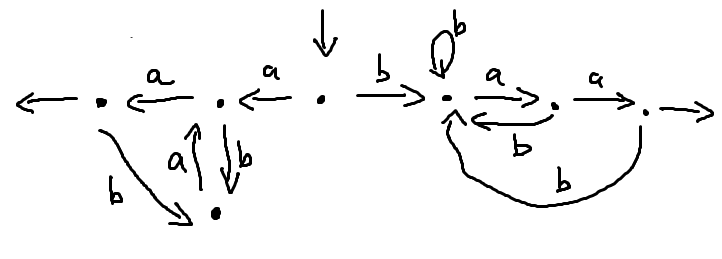
## L3 :





## L4 :





## L5 :



Impossible