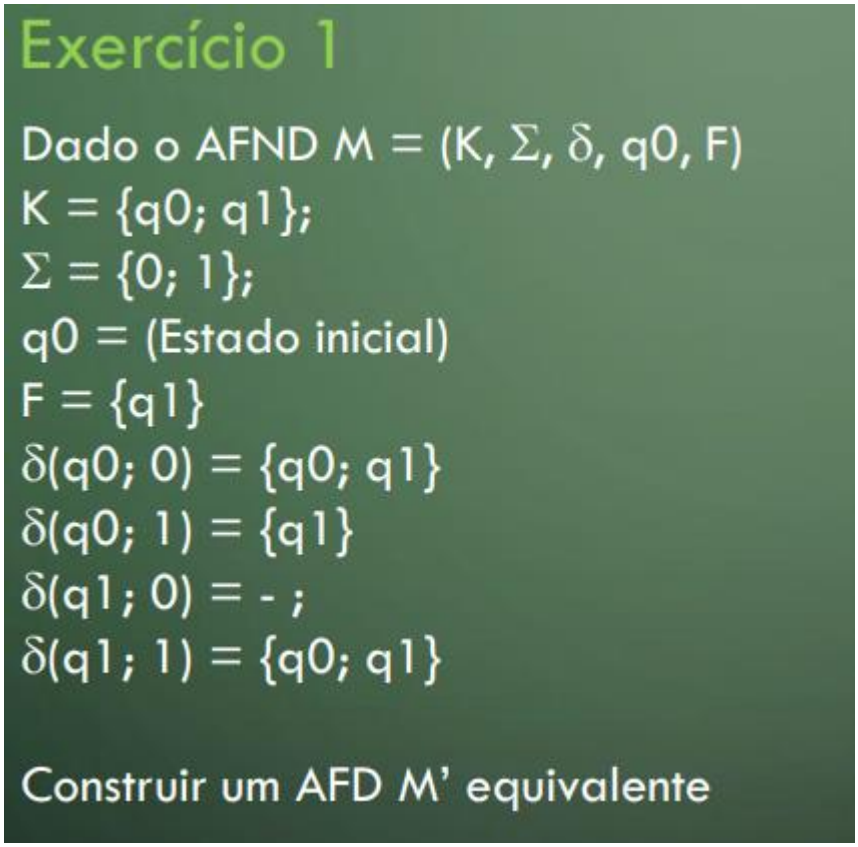
ATIVIDADE 8

Aluno: LUCAS ORESTES FABRIS



AFND

	0	1
->q0	q0, q1	q1
q1		q0,q1

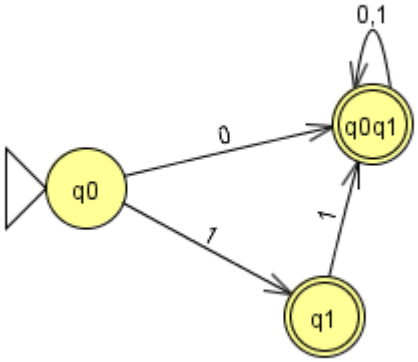
AFD

	0	1
->q0	q0q1	q1
*(q0q1)	(q0q1)	(q0q1)
*q1		(q0q1)

K={q0, q0q1, q1}

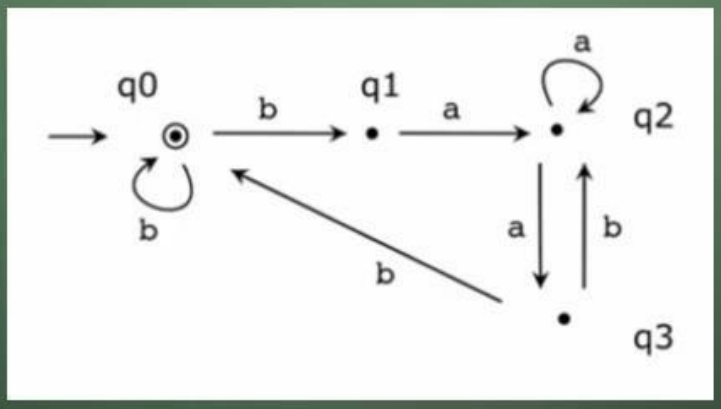
F= {q0q1, q1}

&={0,1}



Exercício 2

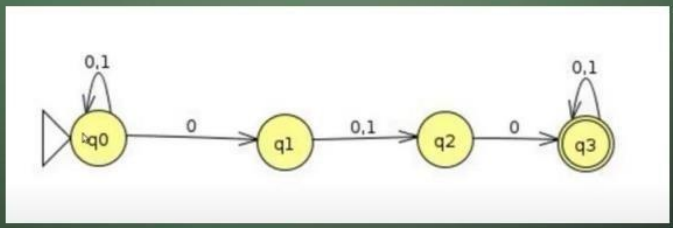
Construir um AFD M' equivalente



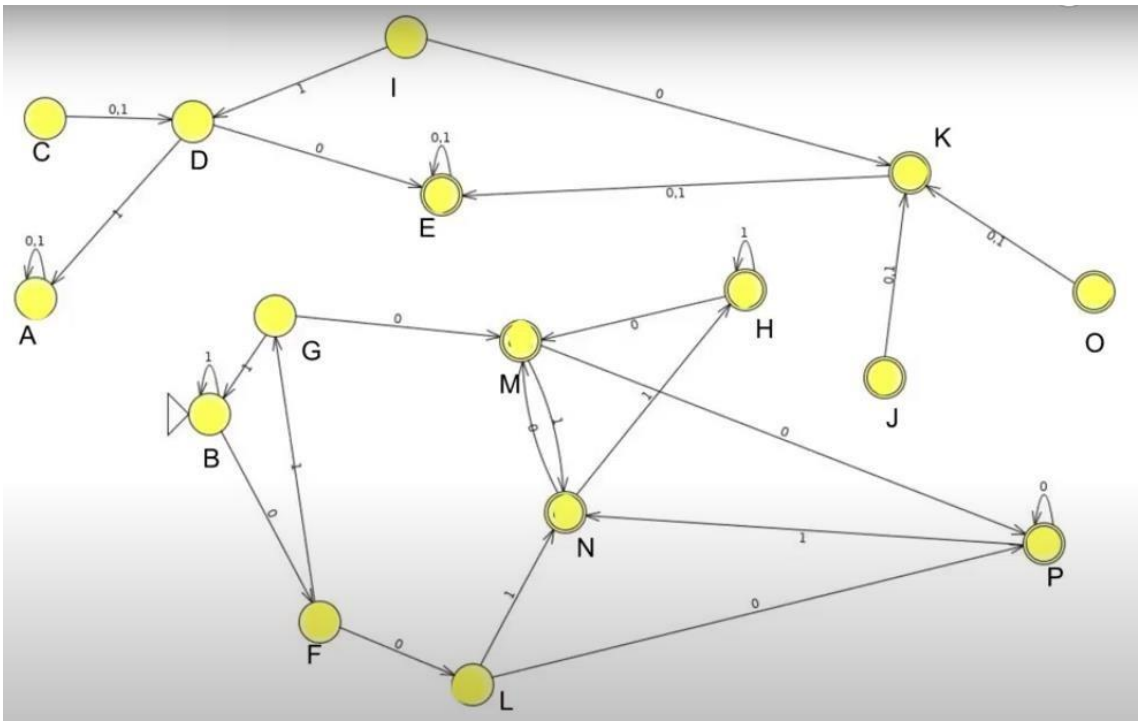
	a	B
q0		q0q1
q1	q2	
q2	q2, q3	
q3		q0, q2
←q0		q0q1
q0q1	q2	q0q1
<-q2	q2q3	
q2q3	q2q3	q2q0
<-q2q0	q2q3	q0q1

Exercício 3

Construir um AFD M' equivalente

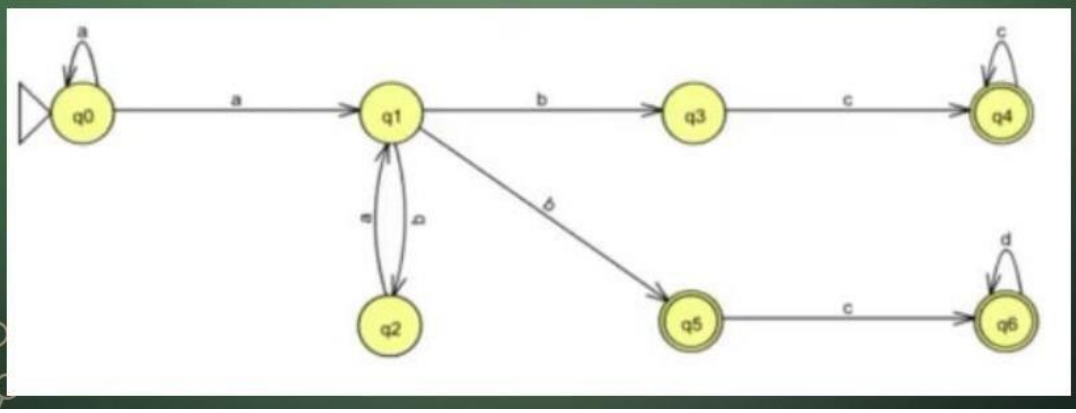


ESTADO	0	1
->{q0}	{q0, q1}	{q0}
{q1}	{q2}	{q2}
{q2}	{q3}	Vazio
*{q3}	{q3}	{q3}
{q0, q1}	{q0, q1, q2}	{q0, q2}
{q0, q2}	{q0, q1, q3}	{q0}
*{q0, q3}	{q0, q1, q3}	{q0, q3}
{q0, q1, q2}	{q0, q1, q2, q3}	{q0, q2}
*{q0, q1, q3}	{q0, q1, q2, q3}	{q0, q2, q3}
*{q0, q2, q3}	{q0, q1, q3}	{q0, q3}
*{q0, q1, q2, q3}	{q0, q1, q2, q3}	{q0, q2, q3}

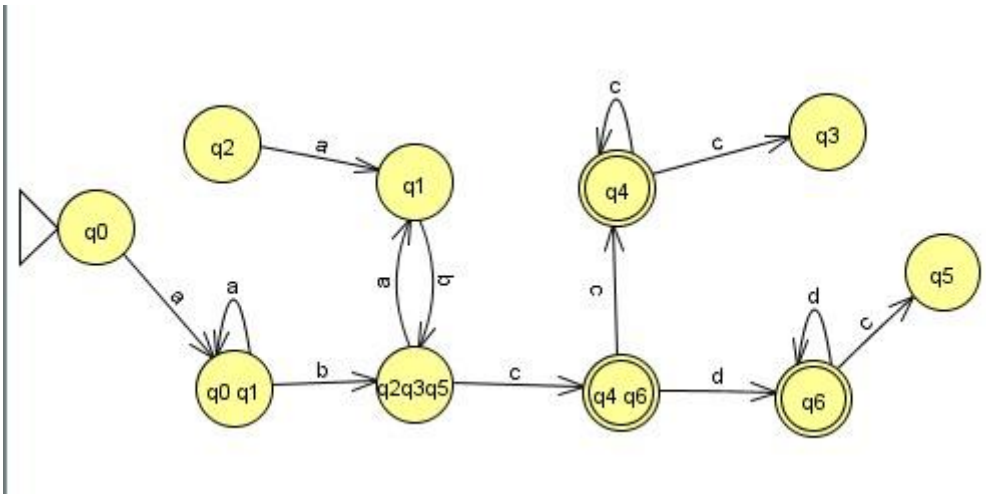


Exercício 4

Construir um AFD M' equivalente



	a	b	c	d
->q0	q0q1			
q1		q2q3q5		
q2	q1			
q3			q4	
<---q4			q4	
<---q5			q6	
<---q6				q6
q0q2	q0q1	q2q3q5		
<-q2q3q5	q1		q4q6	
<--q4q6			q4	q6


q0
q2
a
q1
a
a
q
q0 q1
b
q2q3q5
c
q4
c
q3
c
c
q4 q6
d
d
q6
c
q5