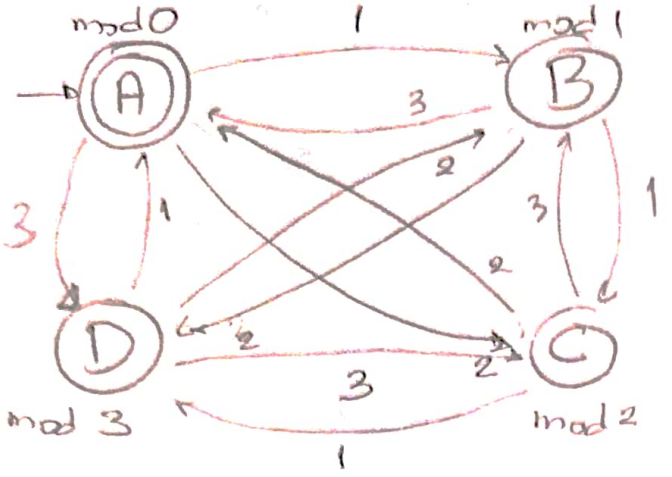
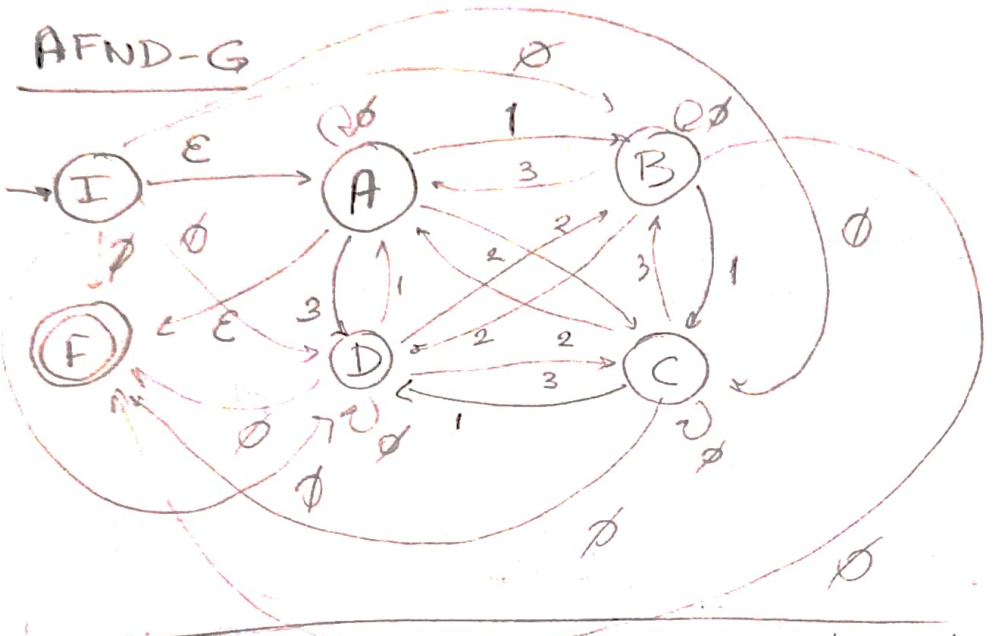


	1	2	3
→ A*	B	C	D
B	C	D	A
C	D	A	B
D	A	B	C

AFND-G



	I	A	B	C	D	F*
→ I	-	ε	∅	∅	∅	∅
A	-	∅	1	2	3	ε
B	-	3	∅	1	2	∅
C	-	2	3	∅	1	∅
D	-	1	2	3	∅	∅
F*	-	ε	∅	∅	∅	=

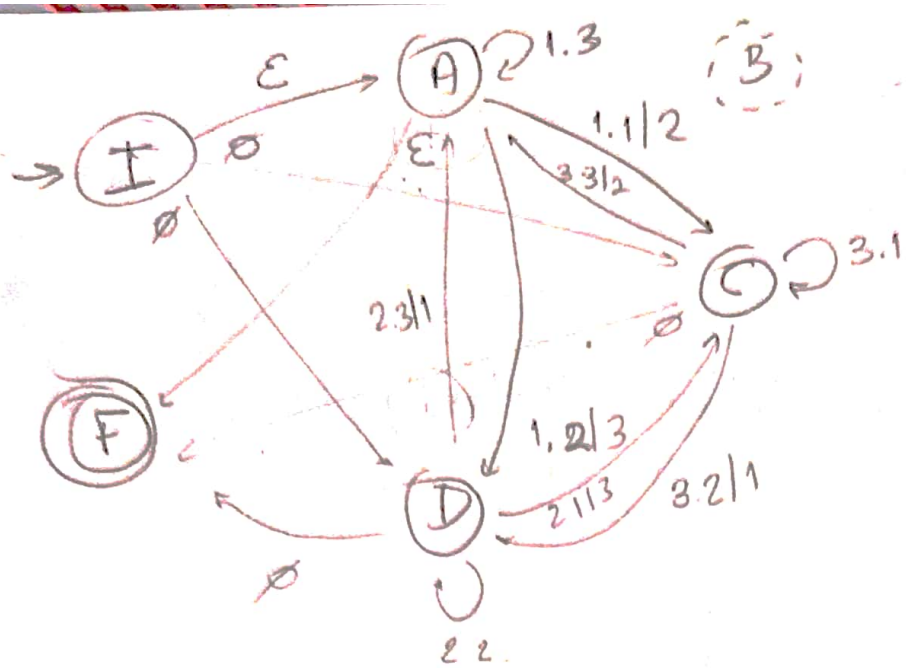
$q_{rem} = B$ $\quad q_i = \{I, A, C, D\}$ $\quad q_j = \{A, C, D, F\}$

B, I, A	B, I, C	B, I, D	B, I, F
$(I,B) = \emptyset$	$(I,B) = \emptyset$	$(I,B) = \emptyset$	$(I,B) = \emptyset$
$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$
$(B,A) = 3$	$(B,C) = 1$	$(B,D) = 2$	$(B,F) = \emptyset$
$(I,A) = \varepsilon$	$(I,C) = \emptyset$	$(I,D) = \emptyset$	$(I,F) = \emptyset$
$\emptyset\,\emptyset^*\,3 \mid \varepsilon$	$\emptyset\,\emptyset^*\,1 \mid \emptyset$	$\emptyset\,\emptyset^*\,2 \mid \emptyset$	$\emptyset\,\emptyset^*\,\emptyset \mid \emptyset$
$= \varepsilon$	$= \emptyset$	$= \emptyset$	$= \emptyset$

B, A, A	B, A, C	B, A, D	B, A, F
$(A,B) = 1$	$(A,B) = 1$	$(A,B) = 1$	$(A,B) = 1$
$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$
$(B,A) = 3$	$(B,C) = 1$	$(B,D) = 2$	$(B,F) = \emptyset$
$(A,A) = \emptyset$	$(A,C) = 2$	$(A,D) = 3$	$(A,F) = \varepsilon$
$1\emptyset^*\,3 \mid \emptyset$	$1\emptyset^*\,1 \mid 2$	$1\emptyset^*\,2 \mid 3$	$1\emptyset^*\emptyset \mid \varepsilon$
(1.3)	(1.1 | 2)	(1.2 | 3)	$= \varepsilon$

B, C, A	B, C, C	B, C, D	B, C, F
$(C,B) = 3$	$(C,B) = 3$	$(C,B) = 3$	$(C,B) = 3$
$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$
$(B,A) = 3$	$(B,C) = 1$	$(B,D) = 2$	$(B,F) = \emptyset$
$(C,A) = 2$	$(C,C) = \emptyset$	$(C,D) = 1$	$(C,F) = \emptyset$
$3\emptyset^*\,3 \mid 2$ (3.2 | 3)	$3\emptyset^*\,1 \mid \emptyset$ (3.1)	$3\emptyset^*\,2 \mid 1$ (3.2 | 1)	$3\emptyset^*\emptyset \mid \emptyset = \emptyset$

B, D, A	B, D, C	B, D, D	B, D, F
$(D,B) = 2$	$(D,B) = 2$	$(D,B) = 2$	$(D,B) = 2$
$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$	$(B,B) = \emptyset$
$(B,A) = 3$	$(B,C) = 1$	$(B,D) = 2$	$(B,F) = \emptyset$ (2)
$(D,A) = 1$	$(D,C) = 3$	$(D,D) = \emptyset$	$(D,F) = \emptyset$
$2\emptyset^*\,3 \mid 1$ (2.3 | 1)	$2\emptyset^*\,1 \mid 3$ (2.1 | 3)	$2\emptyset^*\,2 \mid \emptyset$ (2.2)	$2\emptyset^*\emptyset \mid \emptyset = \emptyset$



	I	A	C	D	F
→ I	—	ε	∅	∅	∅
A	—	1.3	1.1|2	1.2|3	ε
C	—	3.3|2	3.1	3.2|1	∅
D	—	2.3|1	2.1|3	2.2	∅
F*	—	—	—	—	—

$q_{ren} = C \quad q_i = \{I, A, D\} \quad q_j = \{A, D, F\}$

C, I, A

IC ∅
CC = 3.1
CD = 3.3|2
IA = ε

= ε

C, I, D

IC = ∅
CC = 3.1
CD = 3.2|1
ID = ∅

= ∅

C, I, F

IC ∅
CC = 3.1
CF = ∅
IF = ∅

= ∅

C, A, A

AC = 1.1|2
CC = 3.1
CA = 3.3|2

AA = 1.3
(1.1|2)(3.1)*(3.3|2)|(1.3)

C, A, D

AC = 1.1|2
CC = 3.1
CD = 3.2|1

AD = 1.2|3
(1.1|2)(3.1)*(3.2|1)|(1.2|3)

C, A, F

AC = 1.1|2
CC = 3.1
CF = ∅
AF = ε

= (ε) (3)

C, D, A

$DC = 2.1|3$

$CC = 3.1$

$CA = 3.3|2$

$DA = 2.3|1$

$(2.1|3)(3.1)^*(3.3|2)|(2.3|1)$

C, D, D

$DC = 2.1|3$

$CC = 3.1$

$CD = 3.2|1$

$DD = 2.2$

$(2.1|3)(3.1)^*(3.2|1)|(2.2)$

C, D, F

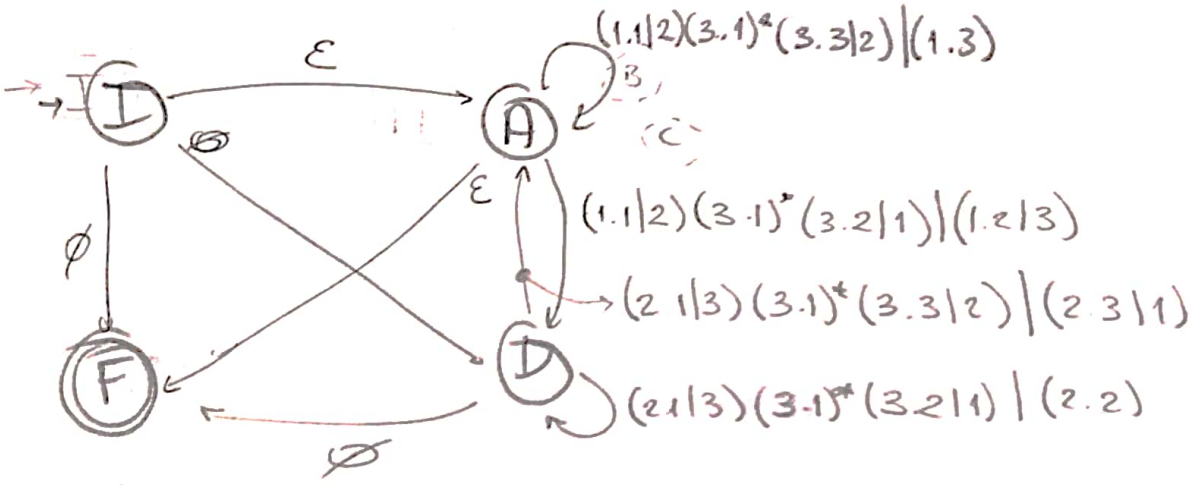
$DC = 2.1|3$

$CC = 3.1$

$CF = \emptyset$

$DF = \emptyset$

$= \emptyset$



	A	D	F
I	ε	$\emptyset$	$\emptyset$
A	$(1.1\|2)(3.1)^*(3.3\|2)\|(2.2)$	$(1.1\|2)(3.1)^*(3.3\|2)\|(2.3\|1)$	ε
D	$(2.1\|3)(3.1)^*(3.3\|2)\|(1.3)$	$(2.1\|3)(3.1)^*(3.2\|1)\|(2.2)$	$\emptyset$

$q_{rem} = D$ $q_i = \{I, A\}$ $q_j = \{A, F\}$

D, I, A

(ID) $\emptyset$

(DD)

(DA)

(IA) ε

ε

D, I, F

(ID) $\emptyset$

(DD)

(DF)

(IF) $\emptyset$

$\emptyset$

D, A, A

(AD)

(DD)

(DA)

(AA)

$(AD)(DD)^*(DA)|(AA)$

(molto grande per coloro eguali)

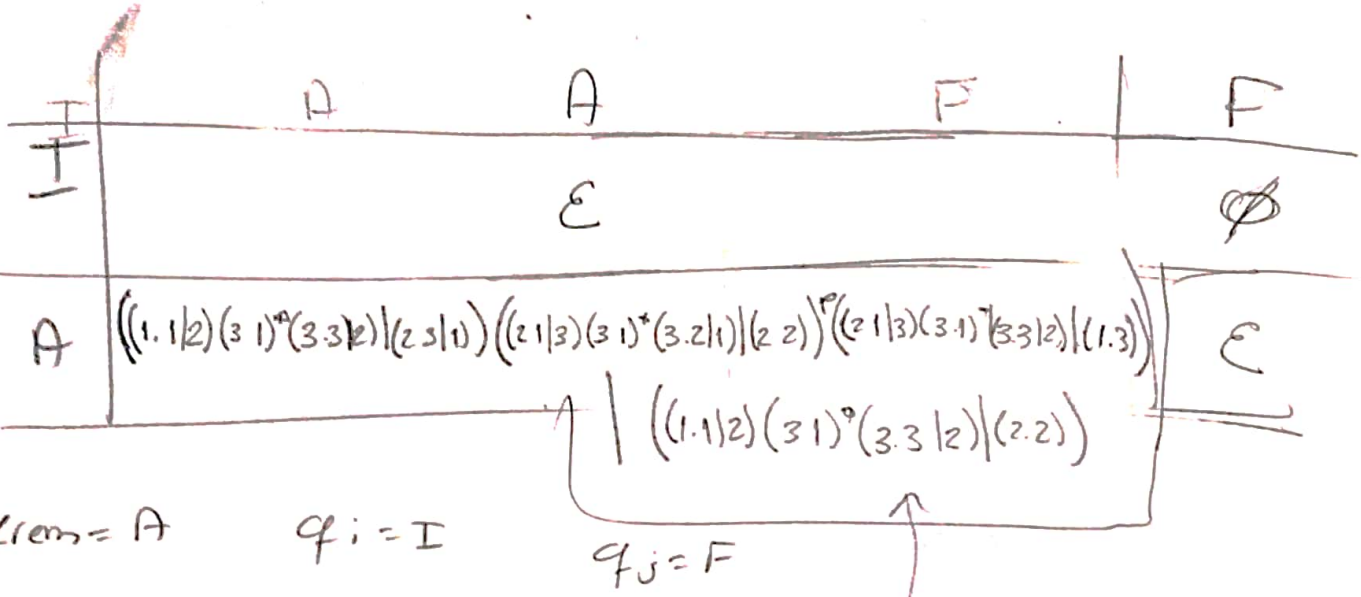
D, A, F

(AD)

(DD)

(DA) $\emptyset$

(AF) ε



$q_{from} = A$ $\quad q_i = I$ $\quad q_j = F$

A , I , F

$\mathcal{L}(I,A) = \varepsilon$

$\mathcal{L}(A,A) = \Rightarrow$

$\mathcal{L}(A,F) = \varepsilon$

$\mathcal{L}(I,F) = \emptyset$

ER:

$$((1.1|2)(3.1)^*(3.3|2)|(2.3|1))((2.1|3)(3.1)^*(3.2|1)|(2.2))^*.$$
$$((2.1|3)(3.1)^*(3.3|2)|(1.3))|((1.1|2)(3.1)^*(3.3|2)|(2.2))$$