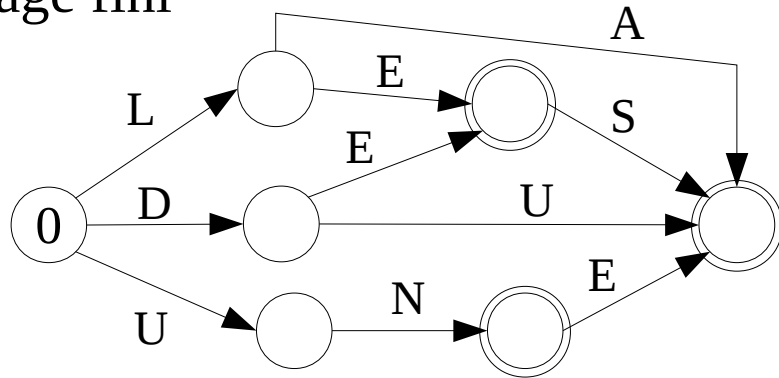


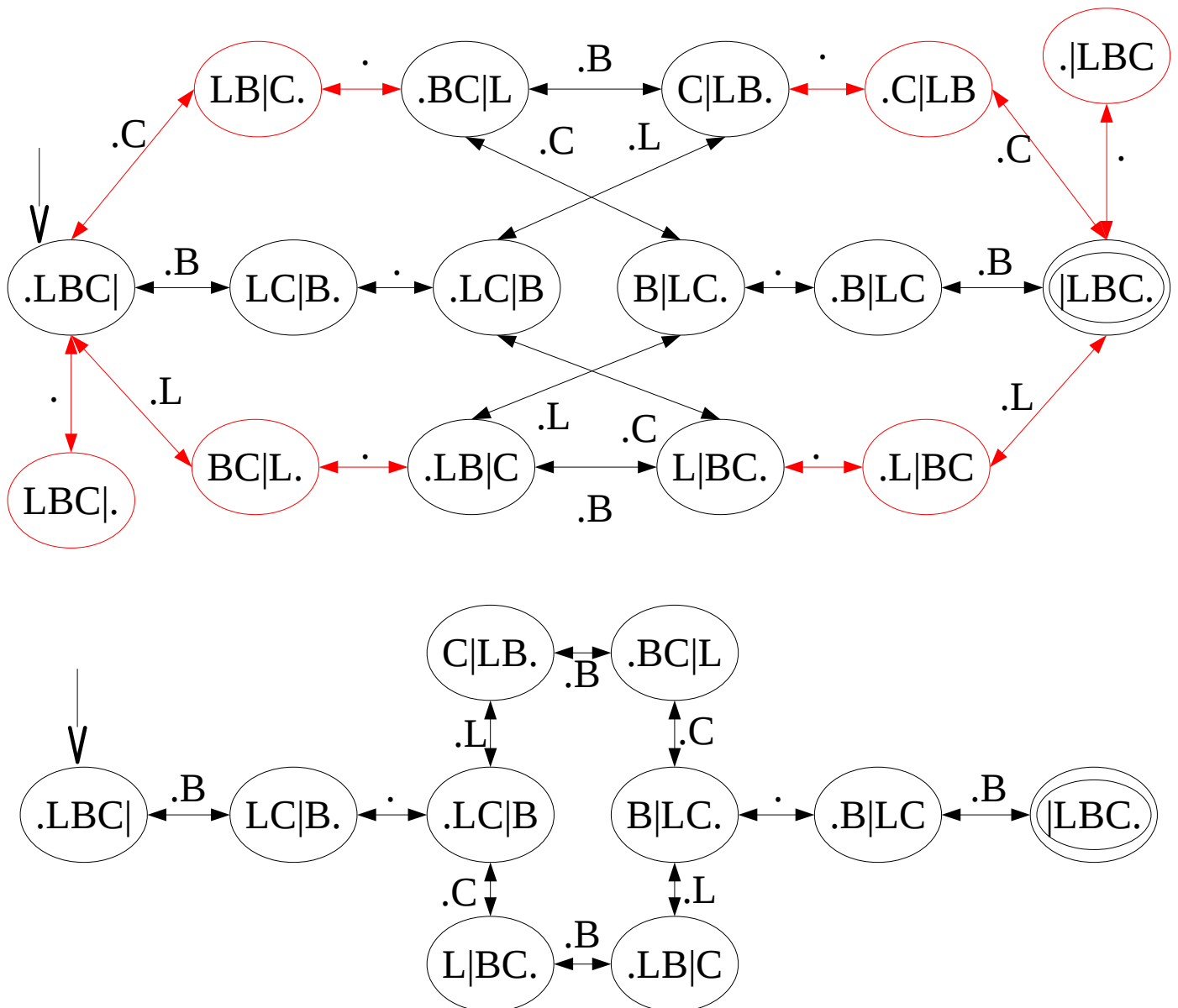
Illustrations Automates Finis

Dictionnaire : langage fini

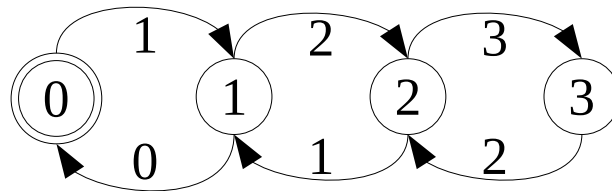


LuBuChu

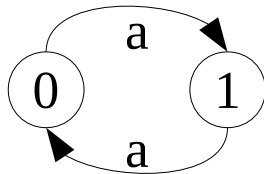
une rivière, une barque, un fermier, un loup, un bouc, un chou ...



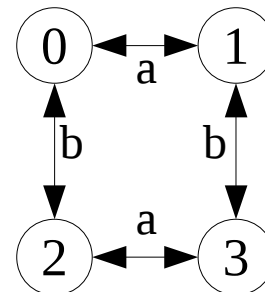
ascenseur



parité

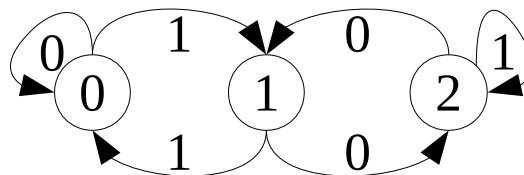


bi-parité

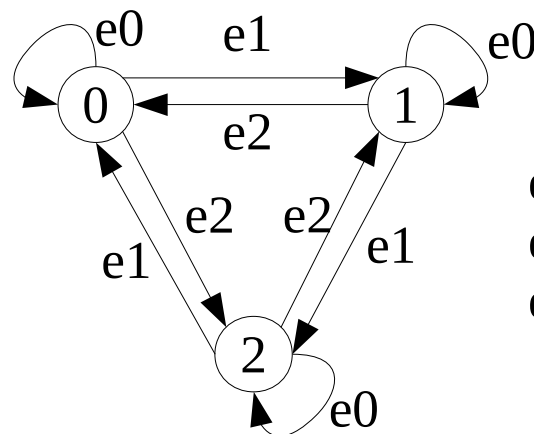


Nombres, Base et Modulo

Bin-Mod-3

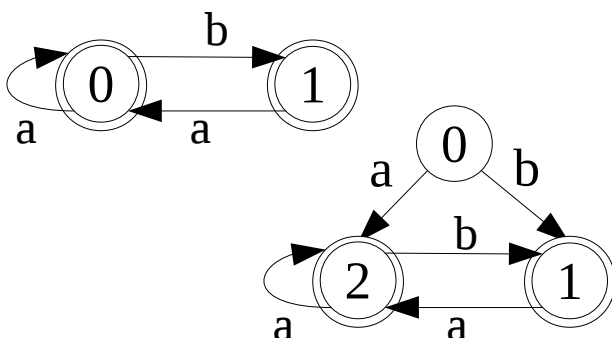


Dec-Mod-3

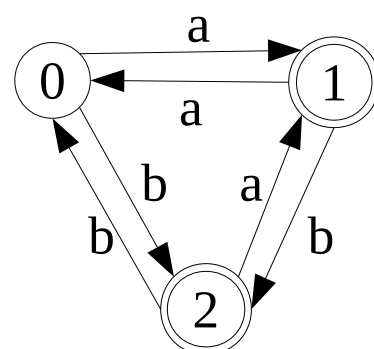


e0 = 0|3|6|9
e1 = 1|4|7
e2 = 2|5|8

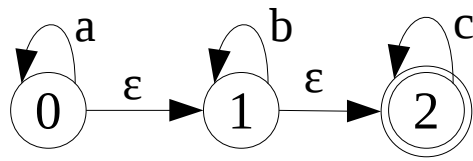
Mots sans bb



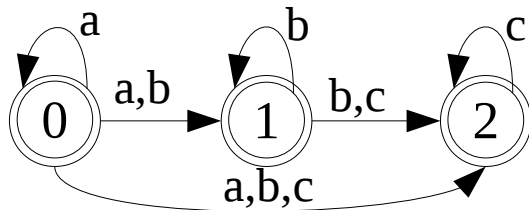
« Hopcroft 233b »



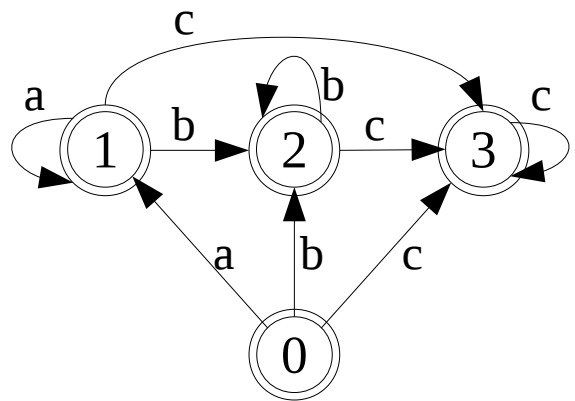
Non déterminisme et ϵ -transition



Non déterministe avec ϵ



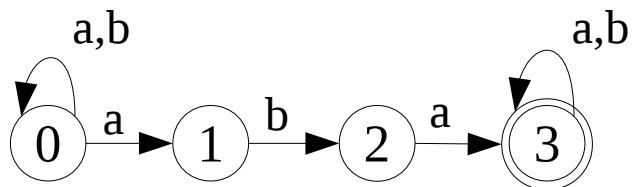
Non déterministe sans ϵ



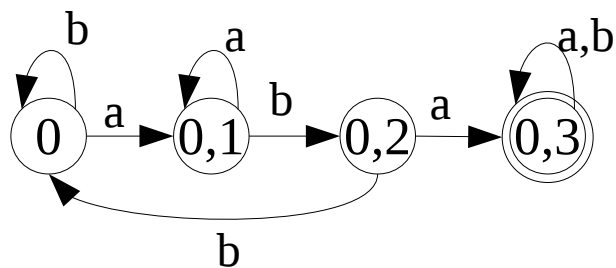
Déterministe

ExoFlex 5.3, Négation regexp $.*aba.*$

Non déterministe



Déterministe
complet



Négation :

états finaux = $0, \{0,1\}, \{0,2\}$

$Re(0 \rightarrow 0) = b^*(aa^*bbb^*)^* = b^*(a+bb+)^*$

$Re(0 \rightarrow \{0,1\}) = Re(0 \rightarrow 0)aa^*$

$Re(0 \rightarrow \{0,2\}) = Re(0 \rightarrow 0)aa^*b$

$Re(0 \rightarrow final) = b^*(a+bb+)^*(\epsilon \mid aa^* \mid aa^*b)$

$\Rightarrow \text{Not} (.*aba.*) = b^*(a+bb+)^*(a^*|a+b)$

aussi $= b^*(a+bb+)^*a^*b?$