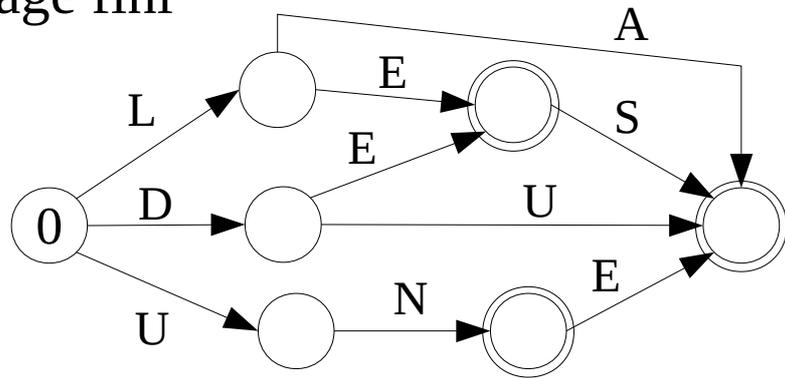


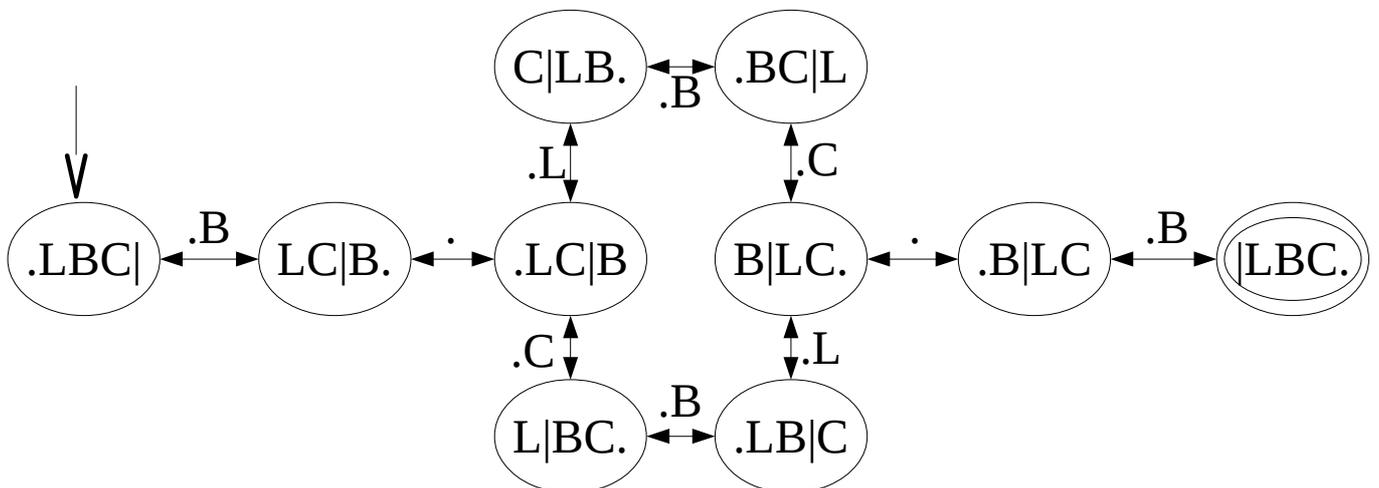
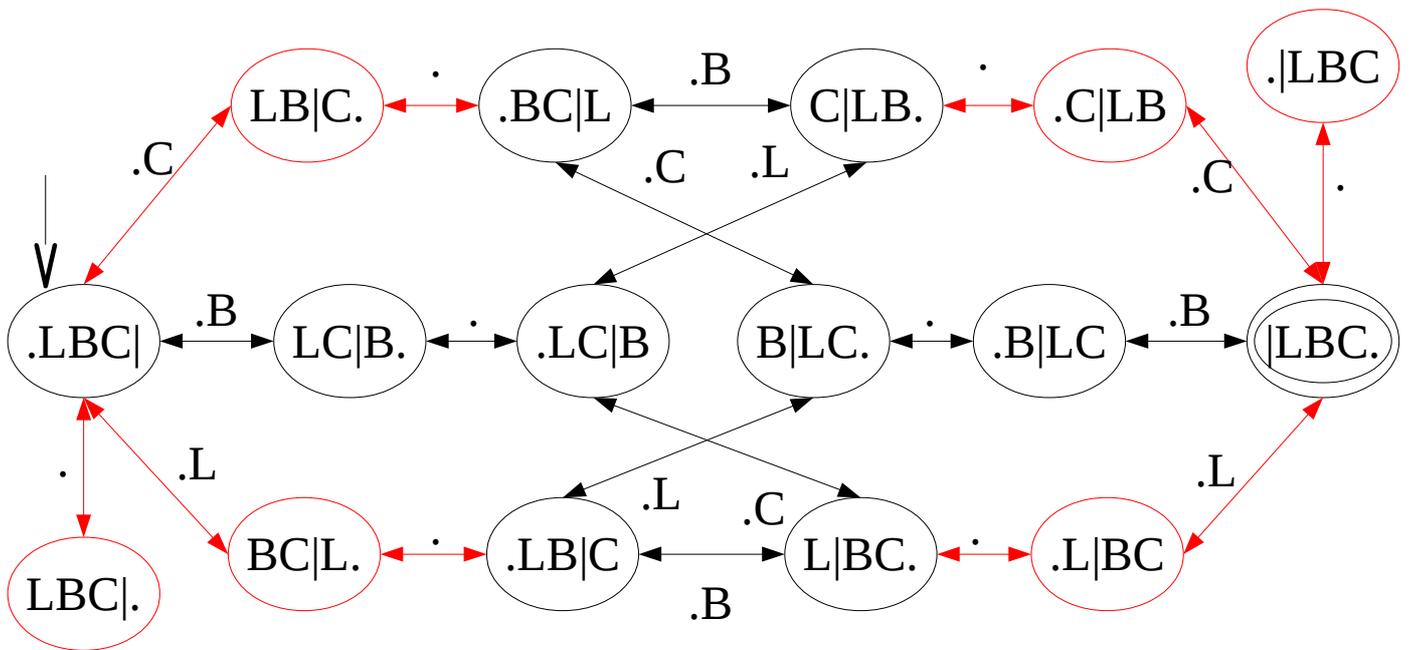
Illustrations Automates Finis

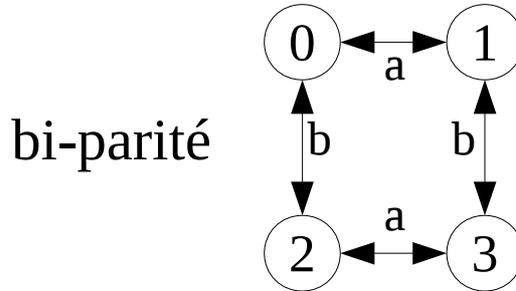
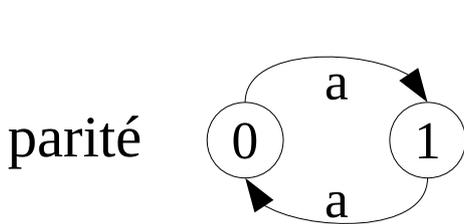
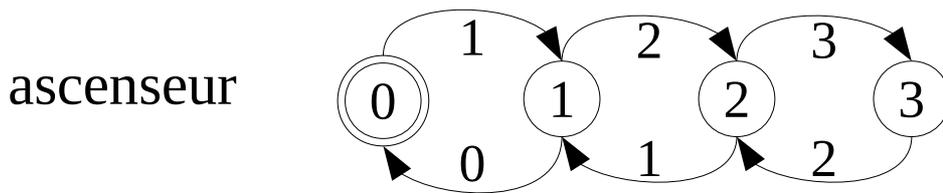
Dictionnaire : langage fini



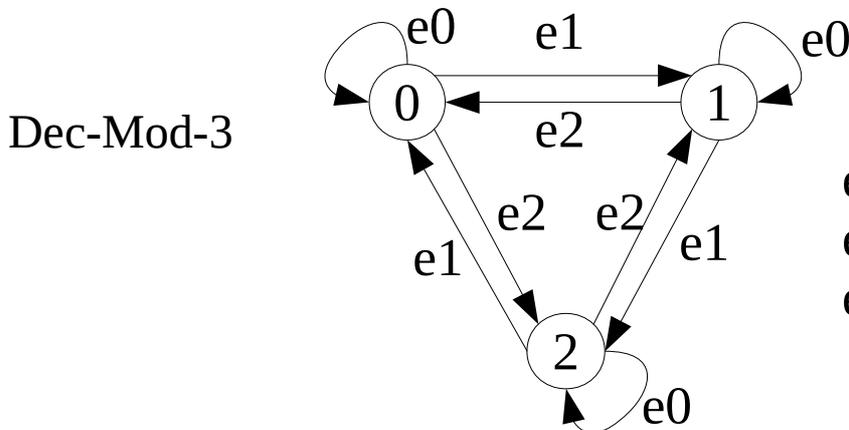
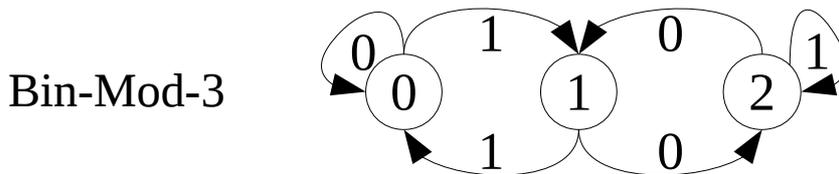
LuBuChu

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



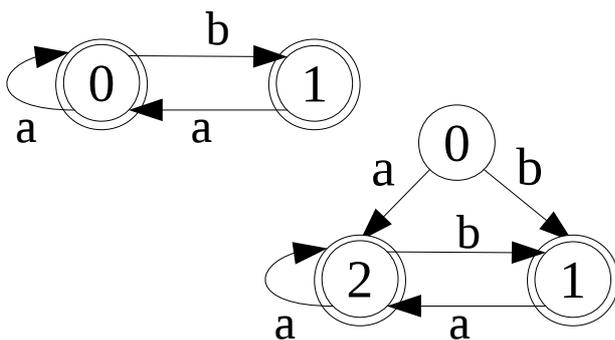


Nombres, Base et Modulo

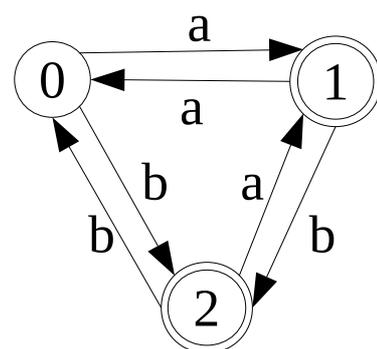


e0 = 0|3|6|9
 e1 = 1|4|7
 e2 = 2|5|8

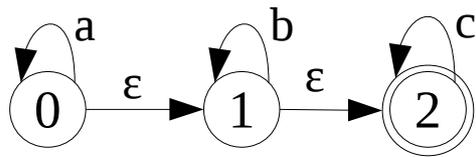
Mots sans bb



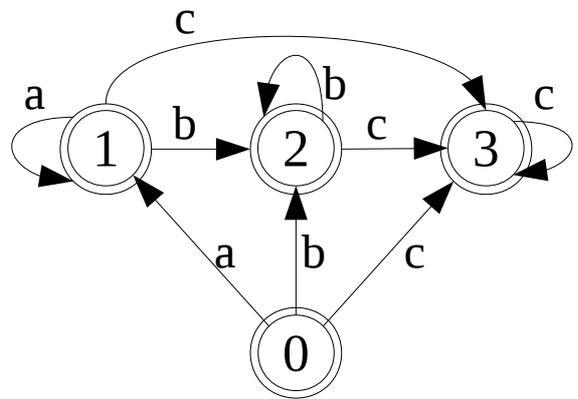
« Hopcroft 233b »



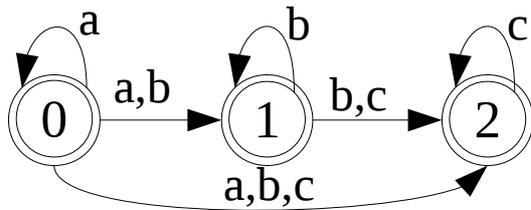
Non déterminisme et ϵ -transition



Non déterministe avec ϵ



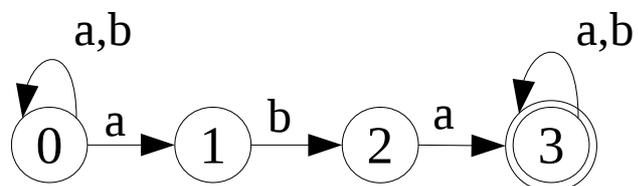
Déterministe



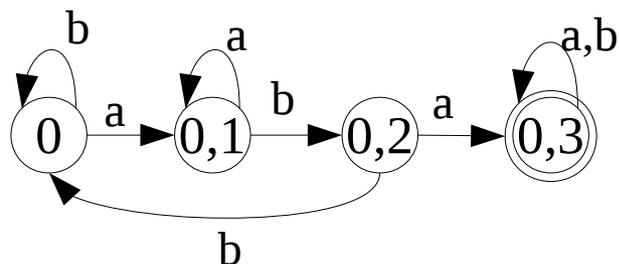
Non déterministe sans ϵ

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