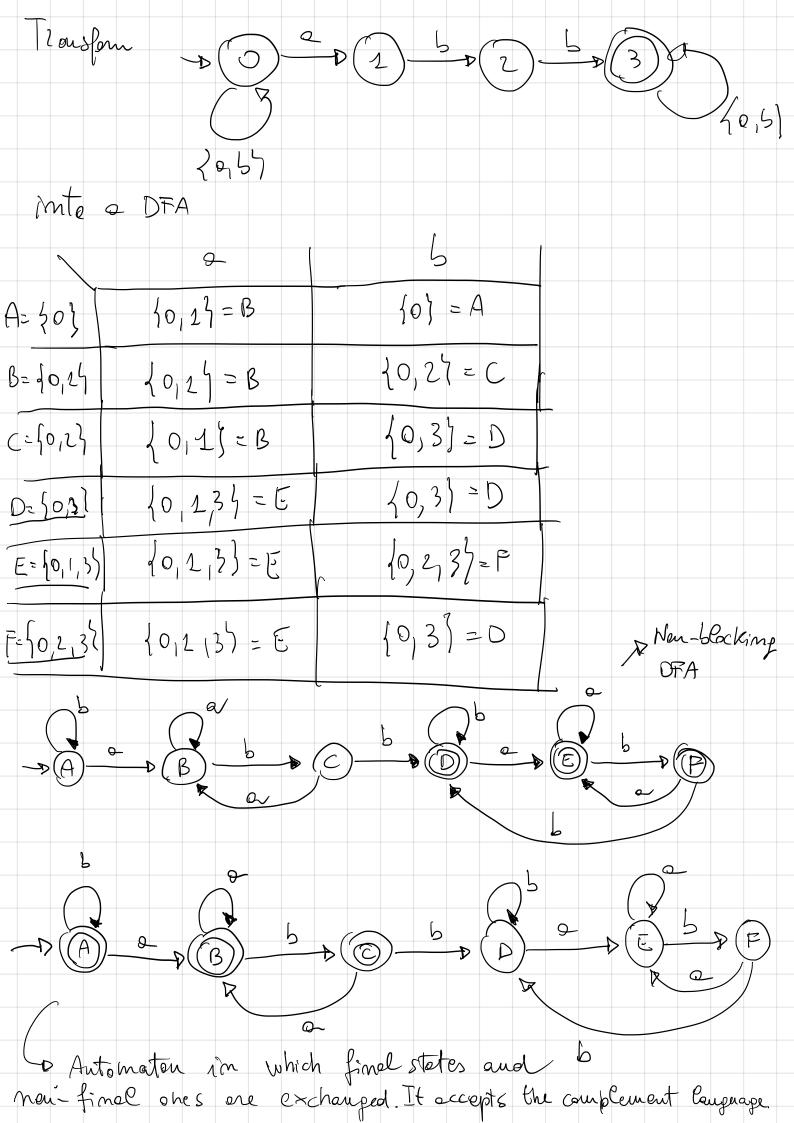
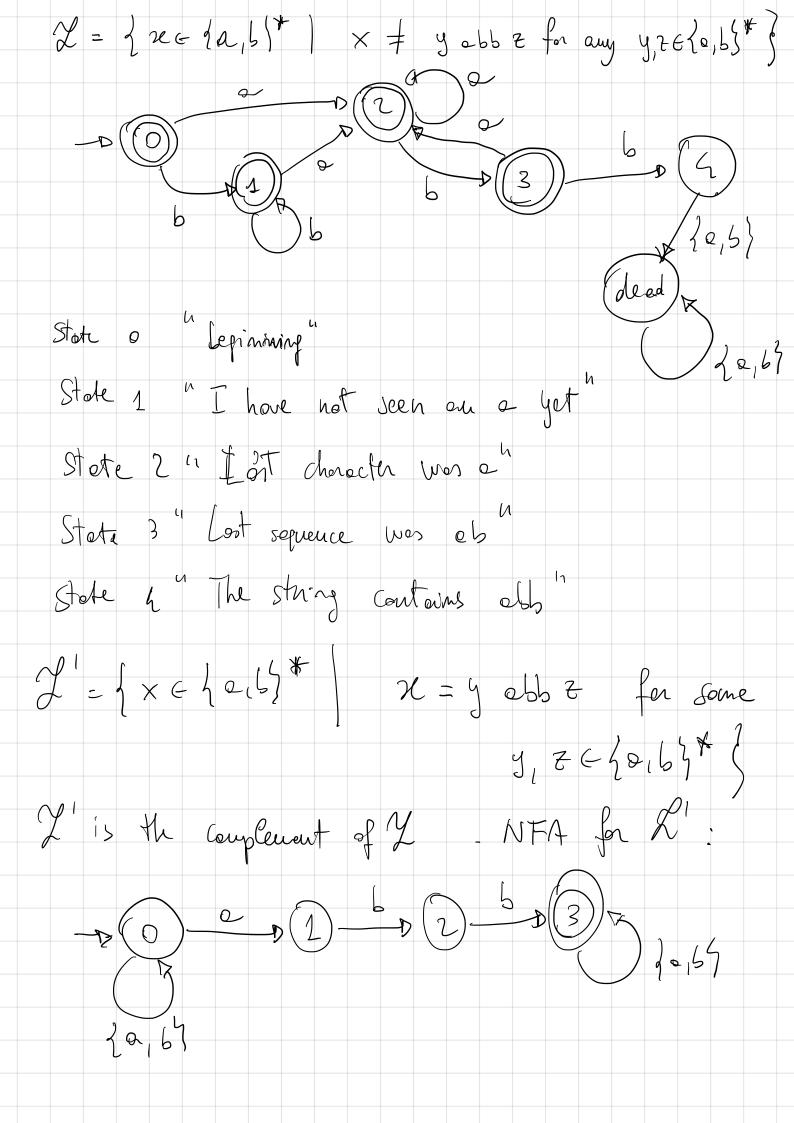
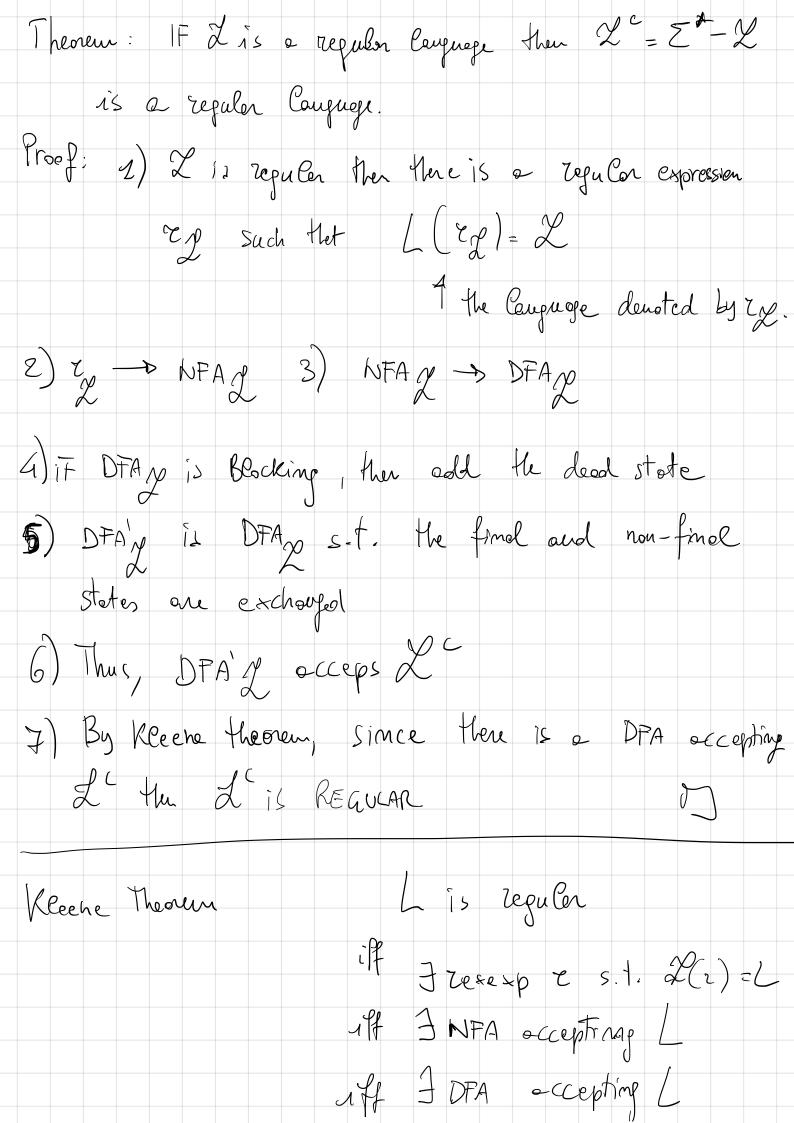
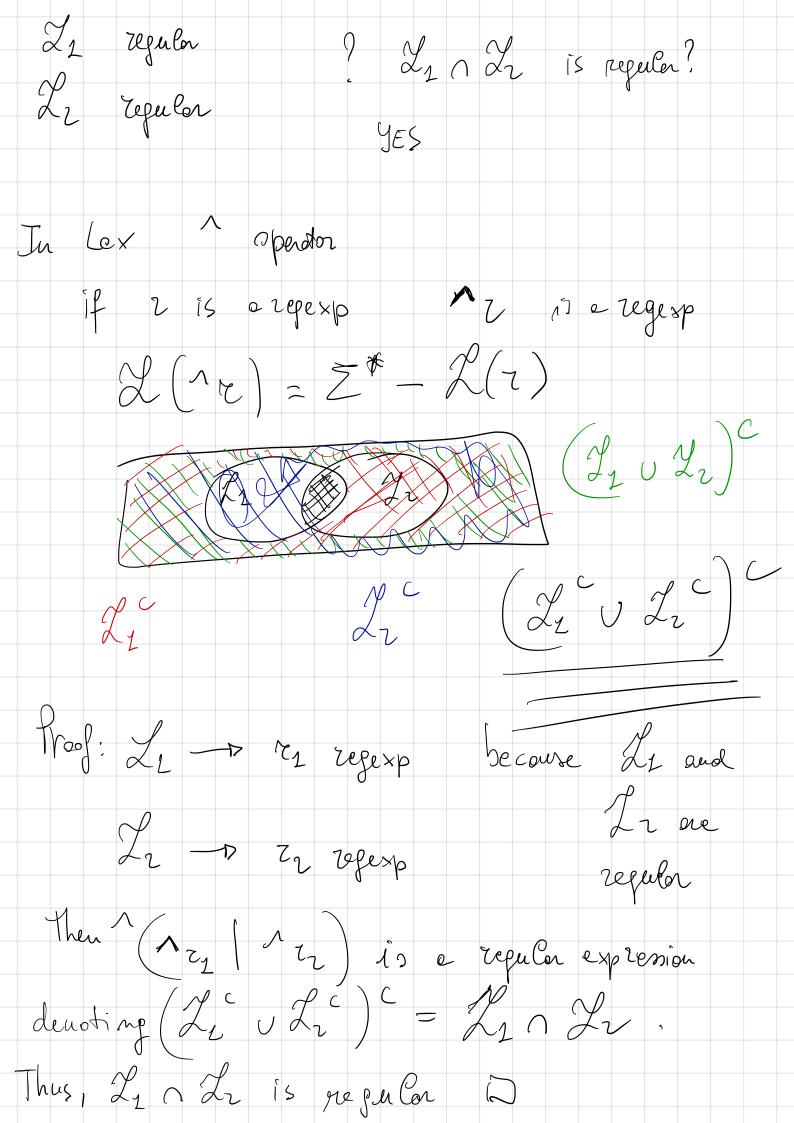


Ex: aven 71, 72 regexps, on Mey epuvolent? $\gamma_1 = \gamma_2$ iff $\chi(\gamma_1) = \chi(\gamma_1)$ Strotegy: 1) 72 -D NFA1 2) NFA1 -D DFA2 12 - NFAZ Somorphic NFAZ -D DPAZ () if (DFA1_min & DFAzmin) 3) DFA1 - DFA1 min then return yES DFAZ -> DFAZ-min llse Zeturn NO









Another Way: $\mathcal{L}_1 \rightarrow \epsilon_1 \rightarrow NFA_1 \rightarrow DFA_2 = \langle S_2, Z, S_o^1, S_1, F_2 \rangle$ Le Die NFAZ DFAZ 2 (Sz, Z, so, Sz, Fz) Creete au automotor Het occepts Z2 n Z2 $\langle S_2 \times S_2, \Sigma, (S_o^1, S_o^2), \mathcal{S}, \mathcal{F}_2 \times \mathcal{F}_2 \rangle$ Where Sis defined s.t. Uses, toSz, ces if $(\delta_1(s,c) = s')$ then $\delta((s,t),c) =$ and $\delta_2(t,c) = t'$ Étample ->

