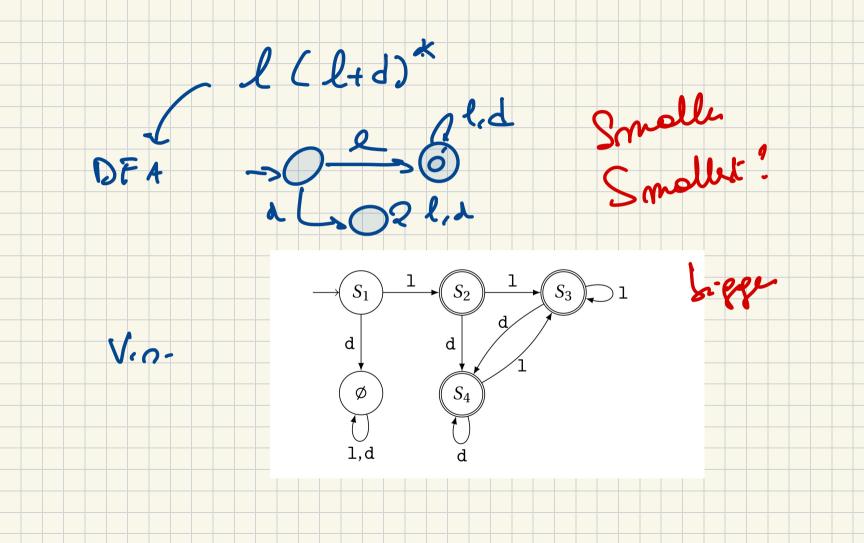
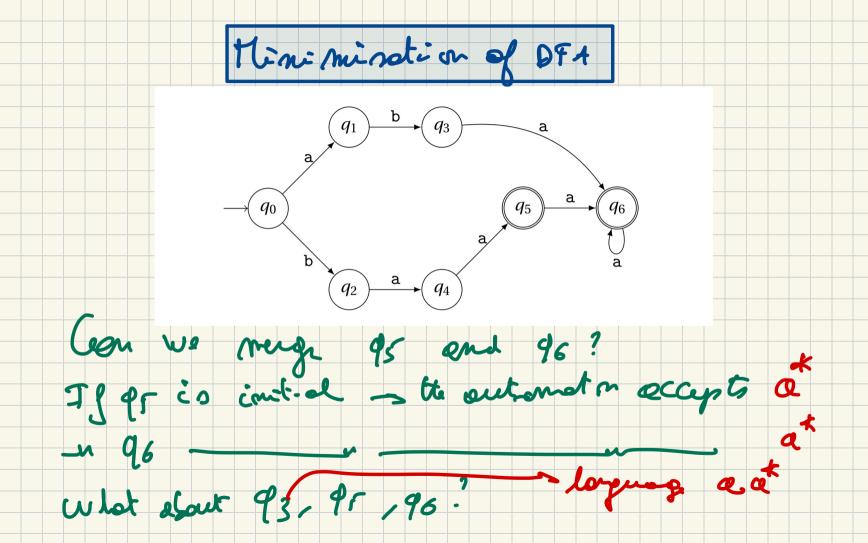
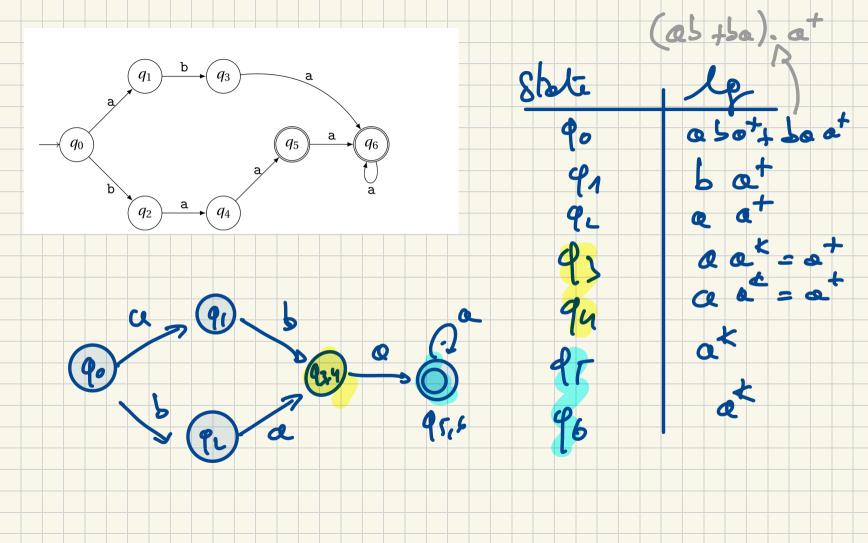
## 1 St october

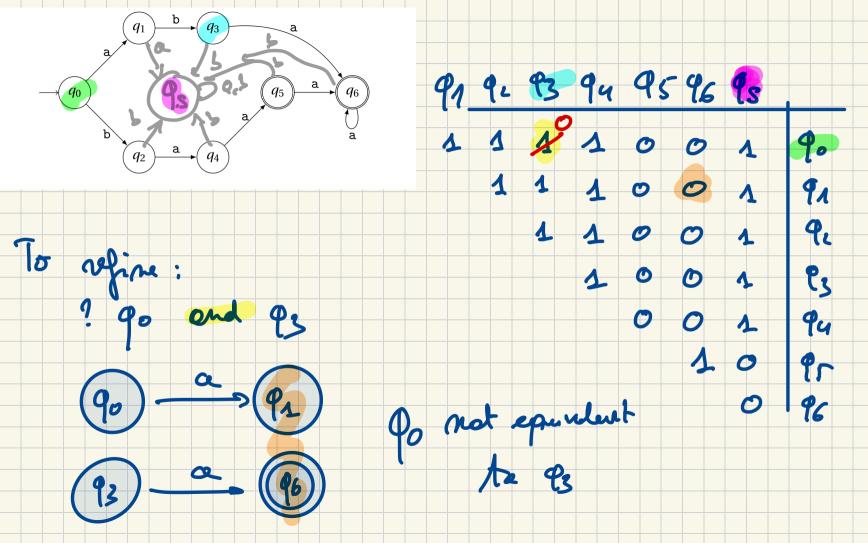




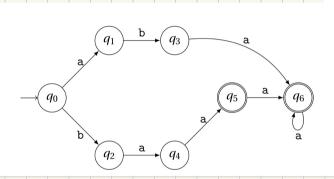
We need a notion of accepted language four a state q = oll the und occupted cf q le coms the initial state. Wo merge stats iff they accept the Some longuage.



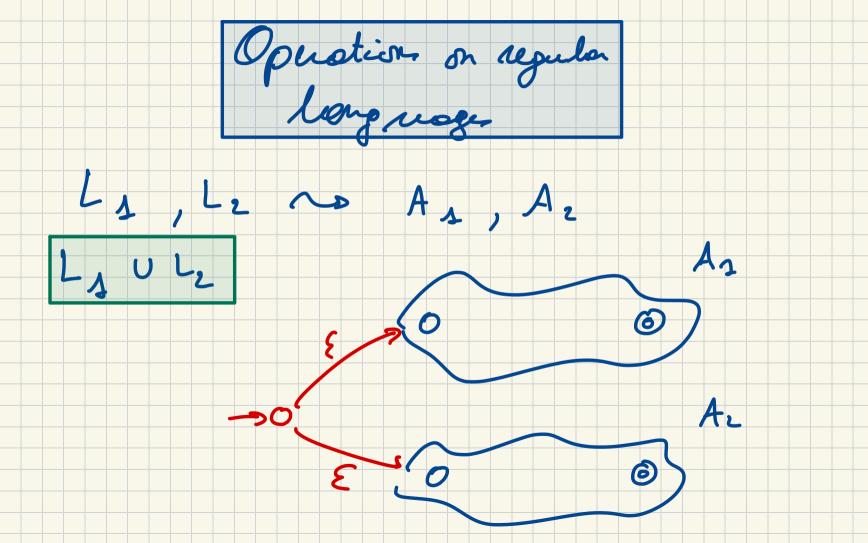
Minimisation algorithm We Sould a matrix Pandras by Ele state. S.t. P[qi,qj]=1 cff qi ælægt te nome longrage a 95. We will Juck this motion by referring an Entirel matrix. where the excepting state are not equivalent to the non-occepting ones.



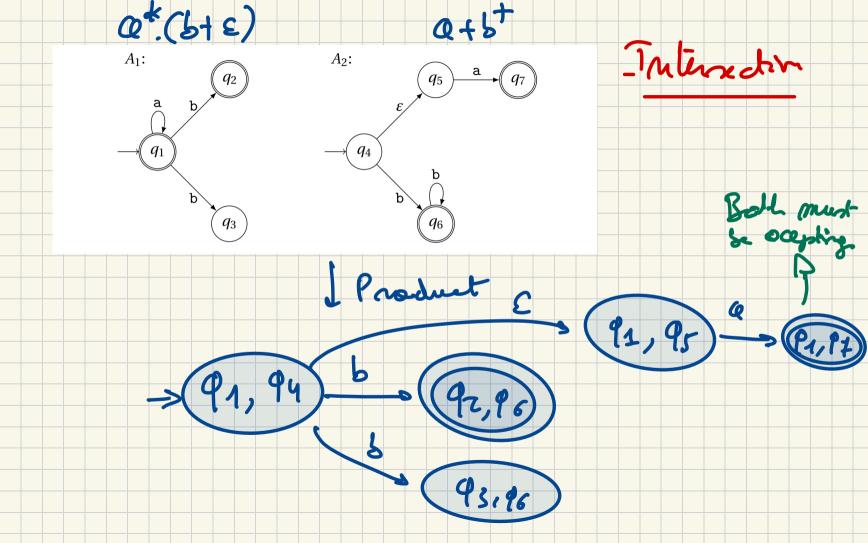
Eventually...



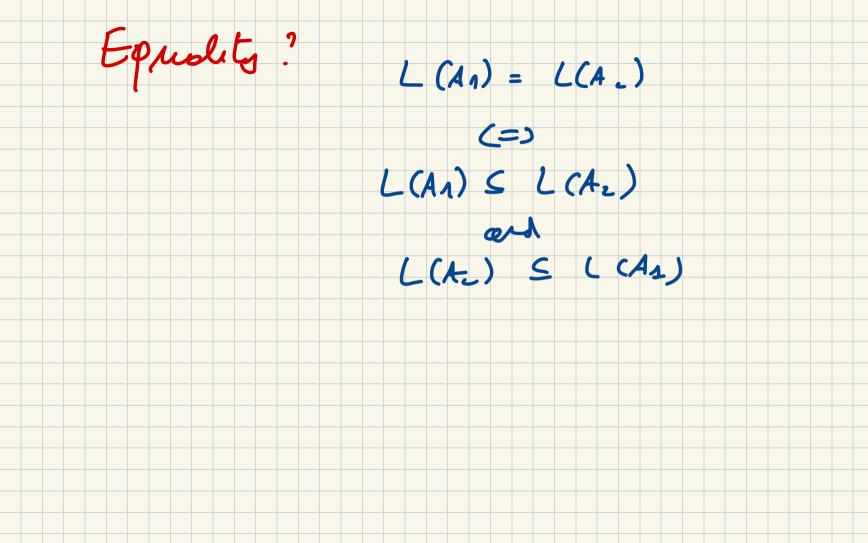
| I           |       |       |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|-------|-------|
|             | $q_s$ | $q_6$ | $q_5$ | $q_4$ | $q_3$ | $q_2$ | $q_1$ |
| $q_0$       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| $ q_1 $     | 0     | 0     | 0     | 0     | 0     | 0     |       |
| $q_2$ $q_3$ | 0     | 0     | 0     | 0     | 0     |       |       |
| $q_3$       | 0     | 0     | 0     | 1     |       |       |       |
| $q_4$       | 0     | 0     | 0     |       |       |       |       |
| $q_5$       | 0     | 1     |       |       |       |       |       |
| $ q_6 $     | 0     |       |       |       |       |       |       |
|             |       |       |       |       |       |       |       |



works of the -> Congle ment. 1st êdea: Swep accepting and
non-occupting stats.



In derion L(AL) = L(A2) ( A A )



Mot all loguege Lc) = ell the well-pownkinsed und. Proof We-omene Hot Los is regular Her, les is a finale entomaton Ac,
Het acapts Lc, let us assure Het Ac, has notetes.  $M = (-\cdot, C) - \cdot \cdot \cdot \in L_{C}$   $M = (-\cdot, C) - \cdot \cdot \cdot \in L_{C}$ 

 $\mathcal{W} = (-\cdot \cdot \zeta) \cdot \cdot \cdot \cdot \cdot \cdot \in L(A_{CS})$ Let's look at en occepting un of L(Acs) on w Po - 91 ( - - - - > 9n - > 9n+1 - · · - > 12n monter of obte visited: Mt1 Is we need to see tunis the

