DFA uito Reg. Exp.



Strategy: DFA => GNFA => R.E.

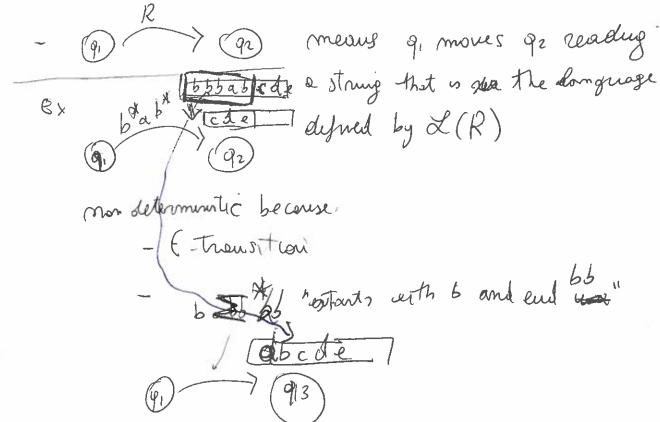
seneralised

mon deterministic

GNFA =

NFA with

- labels = REs.



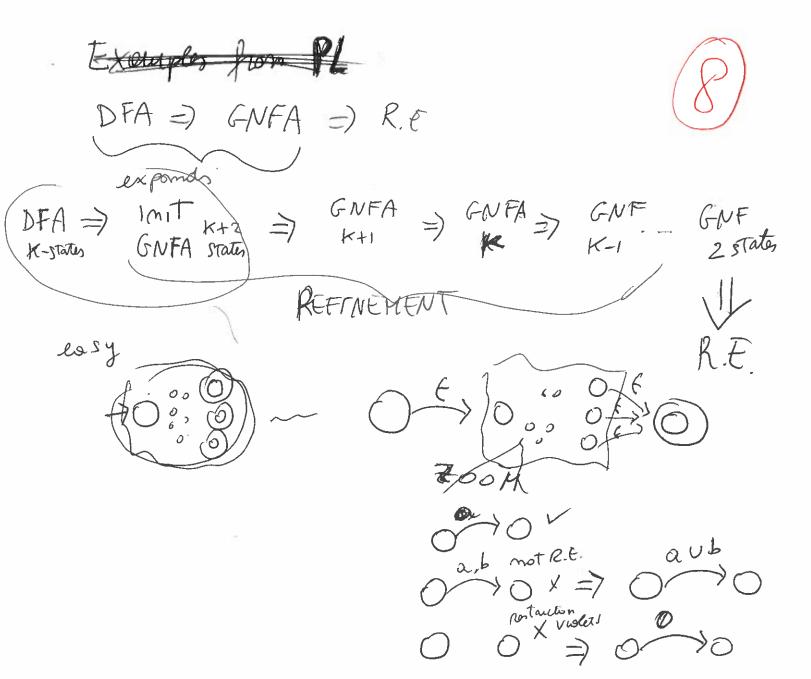
Restretions:

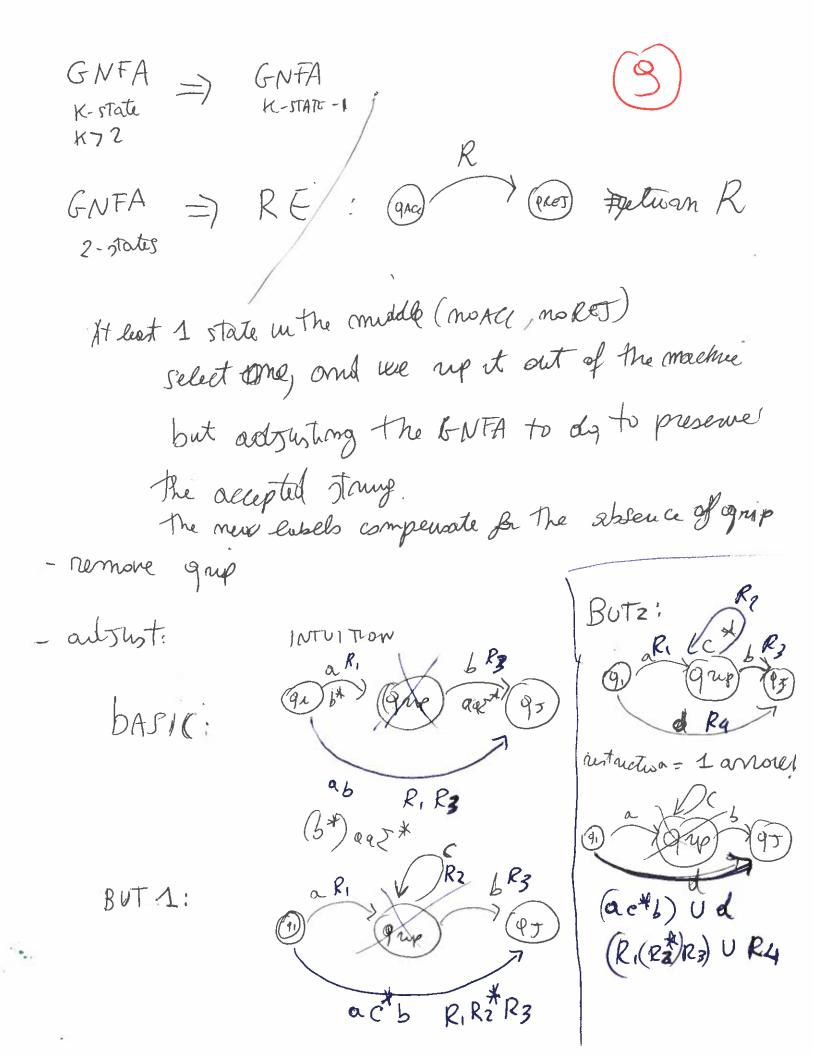
- ACCEPT STATE = mo insound arrow

- FINAL STATE = - only 1!

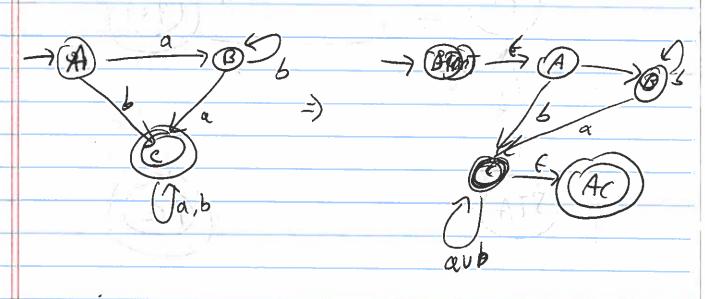
- only dubound annu

- EVERY offER = All amounto everyone but ACCEPT





EXAMPLE BFA => REG (2)



Permove A

Remove B

Remove B

StA

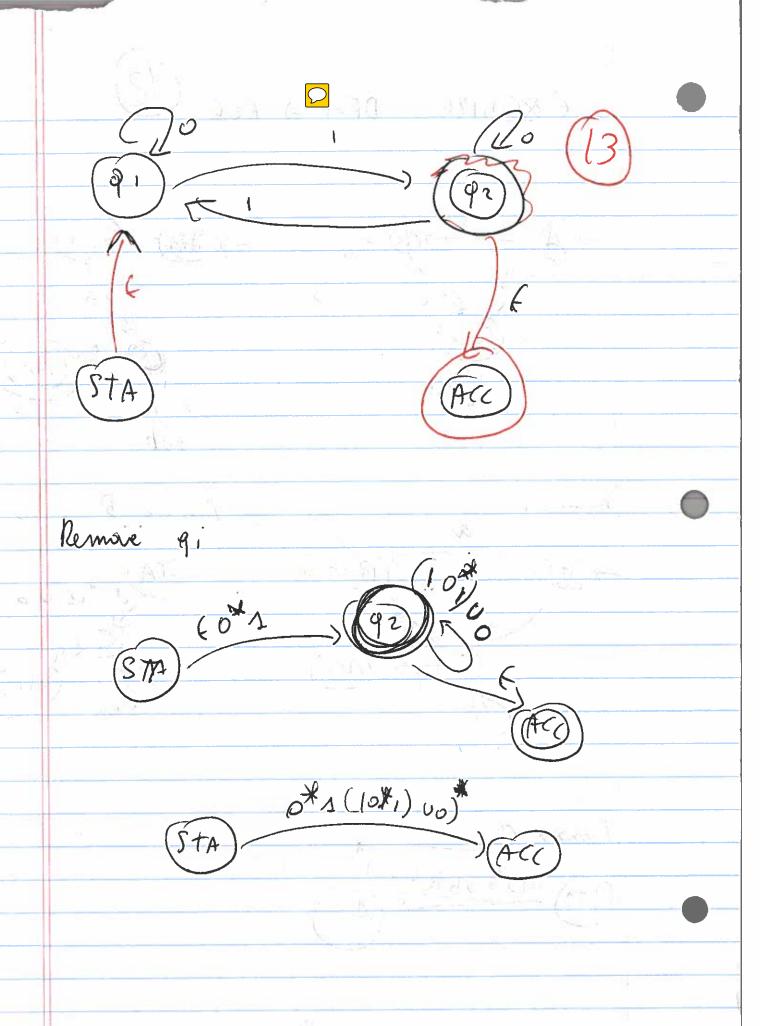
ab*a u b

Caub

Acc

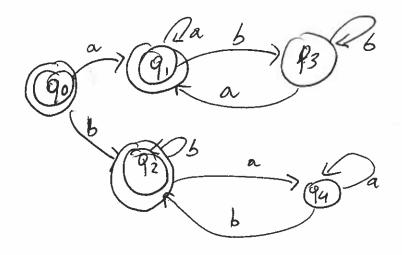
aub

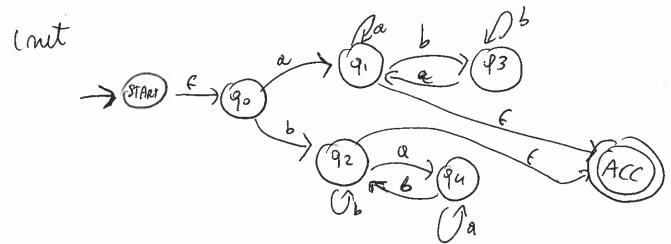
Remove C (STA) (ab*a ub)(Qub)* PE (ACC)



DFA =) Regex

"starts and end with the same letter"





Remove 93

