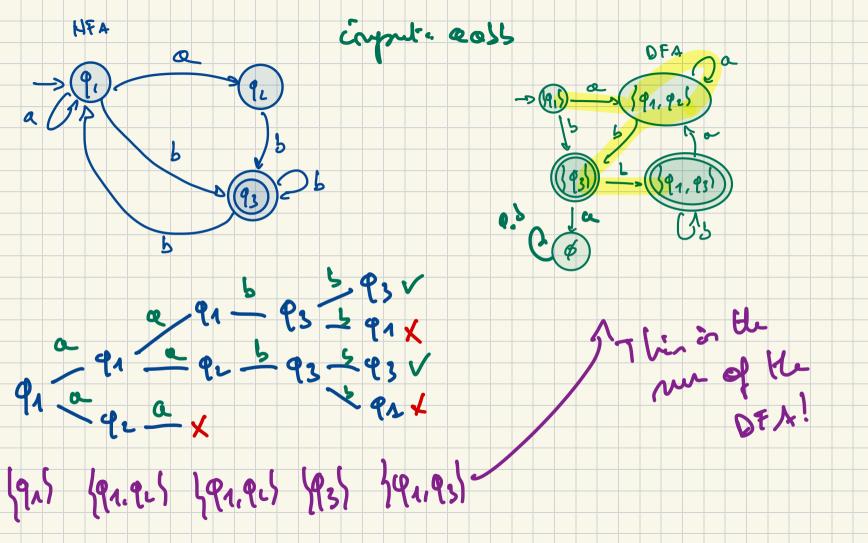
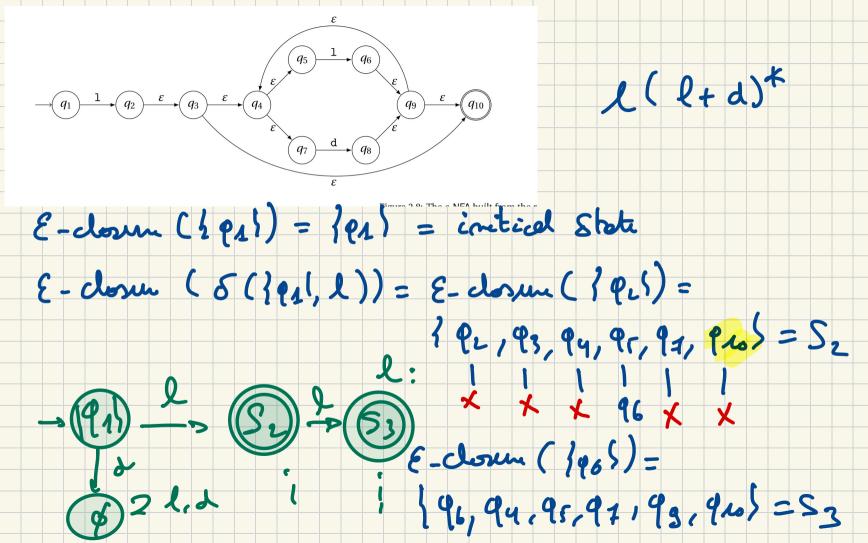
Sept, 24th

Lleve's Heven Le. en persions

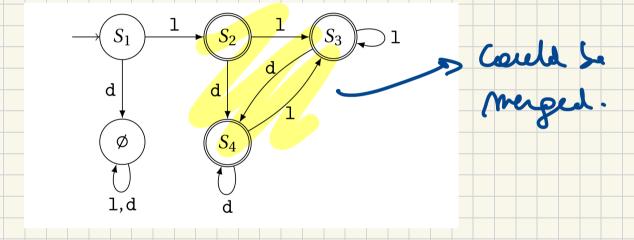
Deter minimation of NFA? HFA



How to ded will E-trountime? E-down (q) = all the states you can
neach by taking a comme e-trountions. @ S(q1, a) = {q., q,5 e_{l} (2) E- donn (292, 955) = 292, 93, 94, 955 (1911) -> 194,93,94,951)



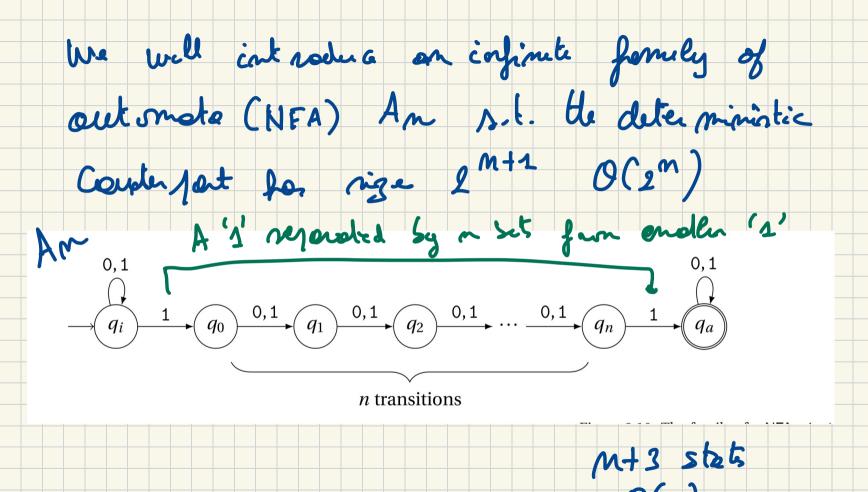
Resulting DFA:



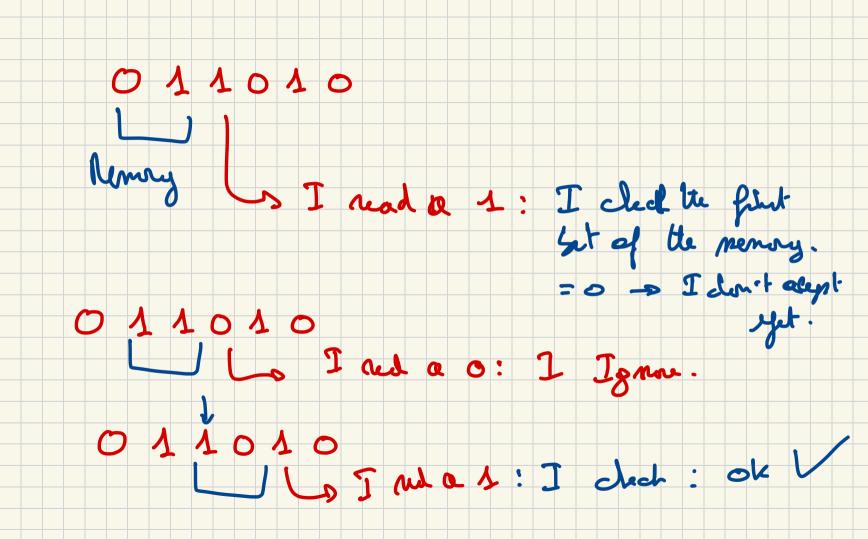
l(l+a)*

Size of HO DFA

The states of the DFA on subsets of the states So, jotentially then on on prentially many state in H DF1. Con it happor for real? les!

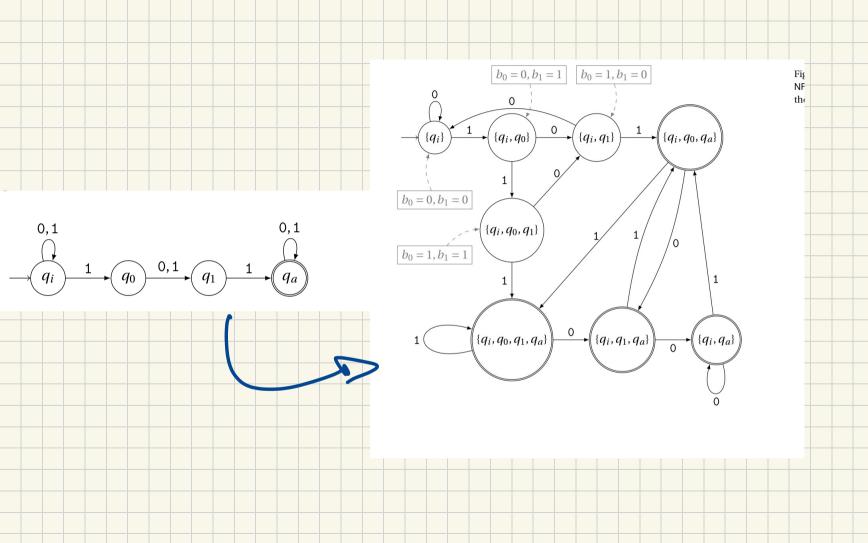


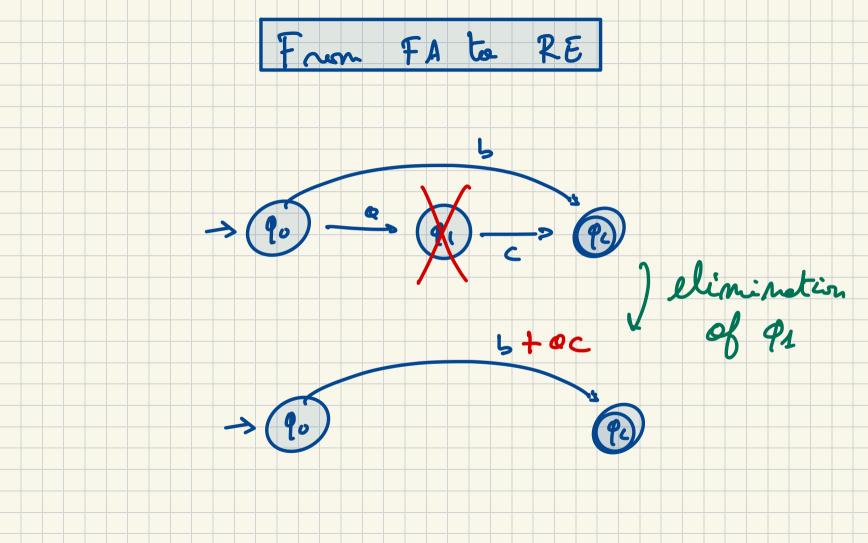
Escongle: A1 If I remember the two lost bets, I can clech the work



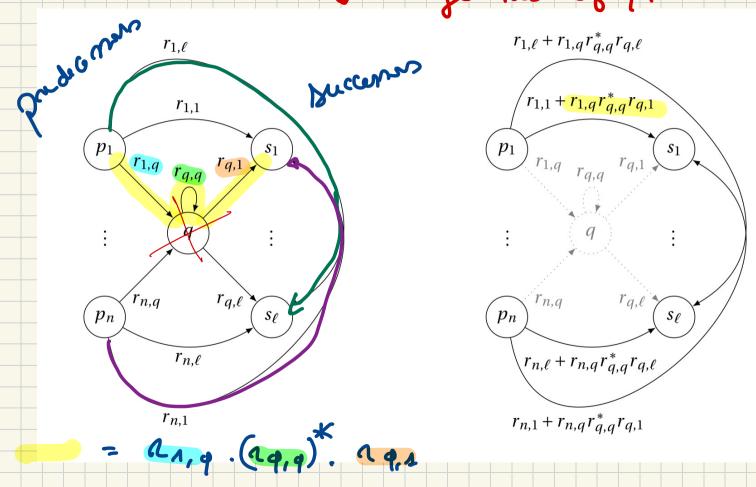
Conduin: for the outsmotion As 3 ldz ____ An -s mts let of menny.

the centent of the monney will be state! M+1 bits of monny -> you med of least

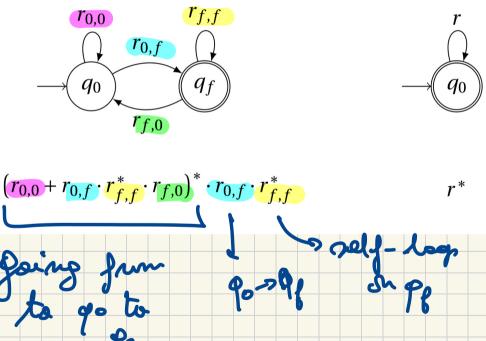




I wont to get nid of q.



After removing states, we end up in



Wo opply the freed oce sting state. 1 + 0.0=> (11+001)*. (1+00)

 $1 \cdot 1 + 0 \cdot 0 \cdot 1$ $1+0\cdot0$ (11+001) . (1+00) 15 Final result. (11+005) . (1+00) (11+004) . (1+00) 1