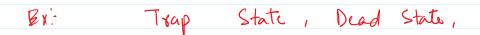
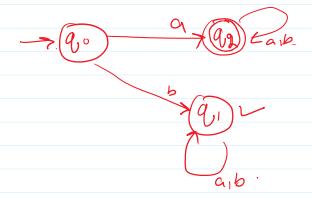
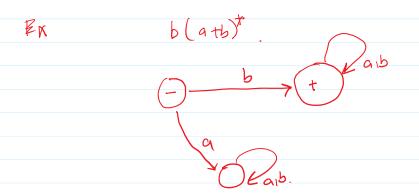
Lecture 6:- M
$$Z = faib$$
?

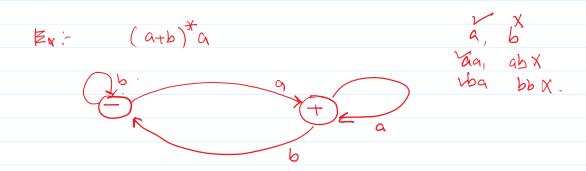
Ex:- Q_0 aib Q_1 aib $C(M) = f $f$$





Ex: (a+b)*

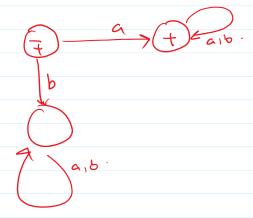




Ex $(a+b)(a+b)^{*}$.

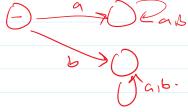


Ex. $a(a+b)^{\dagger}+h$

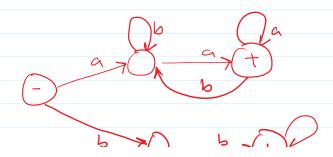


Exi- Empty lenguage.

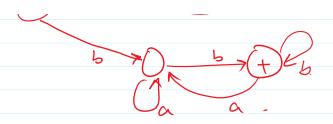
Dears.



Ex: a(a+b) ta + b(a+b) to. = 22 fa, b).

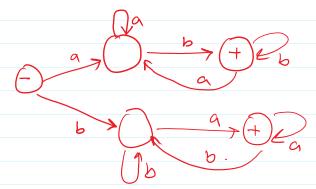


aa ab x abb x aba v abb b baa x bbb v baa x bba x bbb v baa x



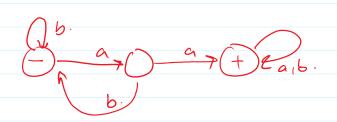
bbbu bag K babu bba K.

Ex a (a+b)* b + b (a+b)*a.



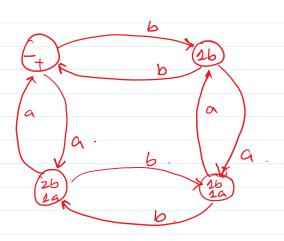
a 6 6 6 -

Ex:- (a+6)* aa (a+6)*.



ab

Er: EVEN - EVEN.

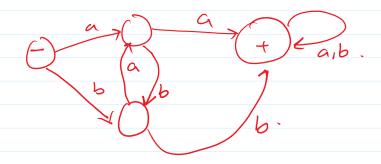


1, aa, bb,

ab a aaa bax. aab

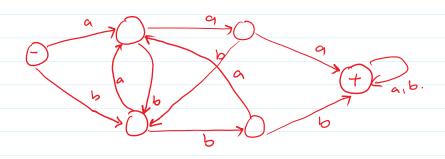
-,

Ex: (a+b) (aa+bb) (a+b)*



aa babx.
baa abax.
abax.
abax.

Exi- (a+b) (aaa+bbb) (a+b).



Transition Graphs.