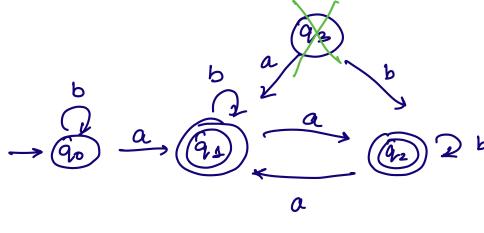
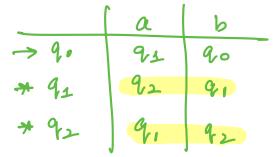
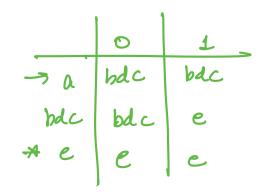
Q:





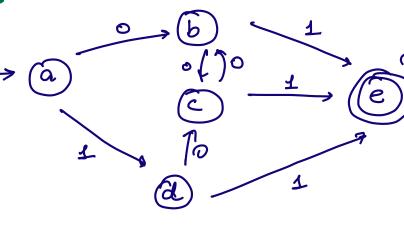
Q:  $\frac{0}{\sqrt{10}}$   $\frac{1}{\sqrt{10}}$   $\frac{1}{\sqrt{10}}$ 

	0	1		0	4
$\rightarrow a$	b	d	→ a		bd.
b	C				
c d	b	e >		C	e
d	C	e	C	bd	e
7 e	e	e	* e	e,	e
			•		



Proper

1. Une dasse

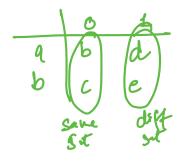


_	0	1
-> a	Ь	d
Ь	С	e
C	b	e
d	С	e
* e	e	e

2. O Equivalent States:

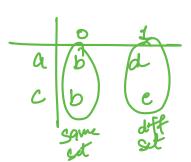
1 Equivolt States

ab

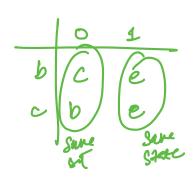


[a] [b] [e] cd?

ac



cic got going to glay wixax



[कि][िं] वि?

ad



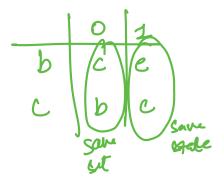
d not good to stay wither X

bd cd

[a] [bed] [e]

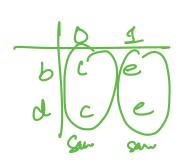
2 Equilm CE

be



[a] [bc] [e]

6d 61



[a] [bcd][e]

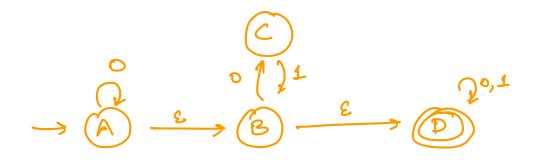
Ata noisels Sompley Sixing €

NFA: Q, E, 8, 90, F

8: 0 x E -> 20

€-NFA: 8: Q x (\(\mathbb{E}\tu\mathbb{E}) -> 2\(\mathbb{Q}\)

without seeing any appetet you con have a tonstion -



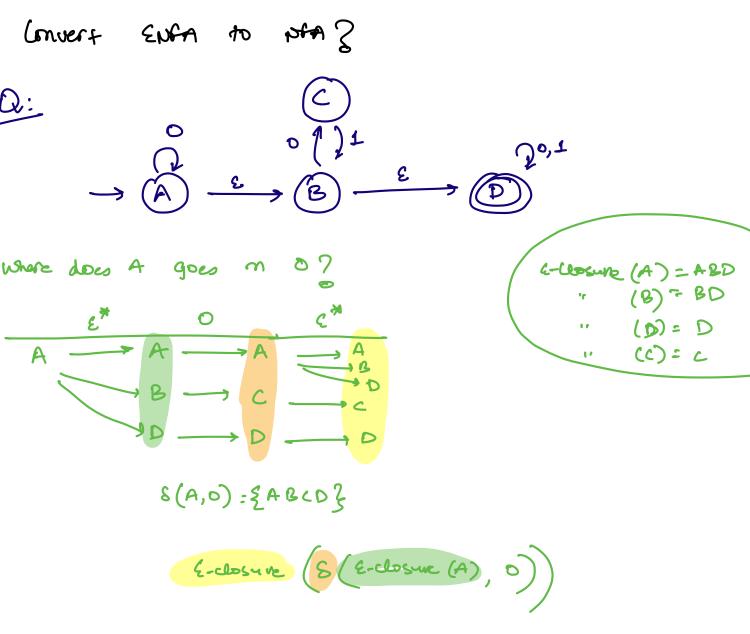
-> what all States you can raile by

Erclosure (A) = 9A,B,O}

DFA = DFA = ENFA) Canaly poverful

E-NFA -> NFA >

Every DIA & NOA Cowering NFA- DFA



Stac A, 1

$$E^{*}$$
 $A \longrightarrow A \longrightarrow \Phi$ 
 $D \longrightarrow D \longrightarrow D$ 
 $E(A,L) = \{D\}$ 

State B, 0

$$E^*$$
 $C \longrightarrow C$ 
 $C \longrightarrow C$ 
 $C \longrightarrow D$ 
 $C \longrightarrow D$ 

Stok B,1

store 42

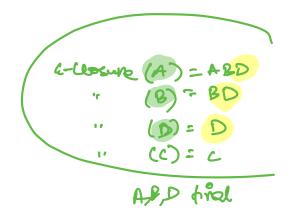
$$C \xrightarrow{\xi^{*}} C \xrightarrow{f} B \xrightarrow{\xi^{*}} B$$

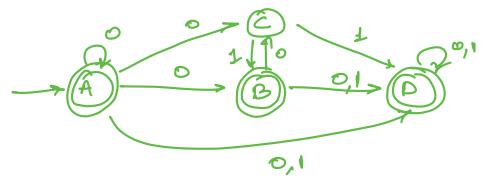
State D,0

Stoke 0,1

$$D \xrightarrow{\xi^{\#}} D \xrightarrow{\underline{f}} D \xrightarrow{\underline{f}} D$$

	0	2
TA	ABCD	D
B	43	Δ
C	ф	BD
* D	A	D





	a	ط	٢
→ A** B**	ABC	BC	C
B**	Ф	BC	<u>_</u>
CA	4	ф	<u>_</u>

(e)= C

ENTA 1 OFA 1 mis OFA

ENFA NFA OFA

Causey presqu