Conversion NFA to DFA

The NFA has states 9, 9, 9, 92, 93....

The DFA has states from the pour set \emptyset , 39.5,

Step Y)

initial state of NFA: %

initial state of DFA: 340}

 $6^*(q_o, \lambda) = \{q_o, \dots, \dots\}$

state de exper NFA Ju initial

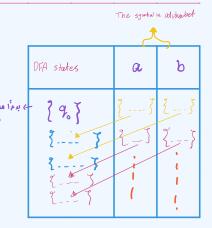
يو الن لها عن طريق K transition و المان لها عن المان لها

initial state in DFA

step 2,3)

for every DFA's state {9,9,...,9,m}
state us transition JJJJZZZZ

لا ناخذ الاينيسيال ستيت و نسوف و ش ال <u>states</u> الي أو طعا من كل ألنا بين و أعبيهم بأول صف بجددي ك <u>states</u> الله المنات ا



step4)



DFA states 11. set of MFA Il crim crimo til ist

Accept states in DFA upy NFA JI is com 8 81 lave age go

example:



DFA 29, 7 a [9, 9, 5]

Steps)

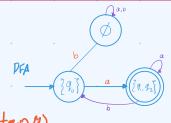
initial in NFA: 90

initial in DFA: 2903

PFA (? 9.5)

step 2,3)

	DFA state	a	Ъ	·
	{ 9. 5	3913925	ø	Siusé Callé l'il, transition Shafe in DFA labou
	₹ 9 1, 9 25	{9, 925,50	[95] no.	tempostat tempose
e 4	Ø	Φ	φ	·



Step4)

The accept state in NFA is %, so, every state in DFA contin or, will be accept state