Regular lang =) Lang accepted by FA Compliment the lang anested by DFA (DFA/NFA)

A'=U-A (toggle the F & NF States) You cannot compliment the lang by wing NFA may not (Avoid)

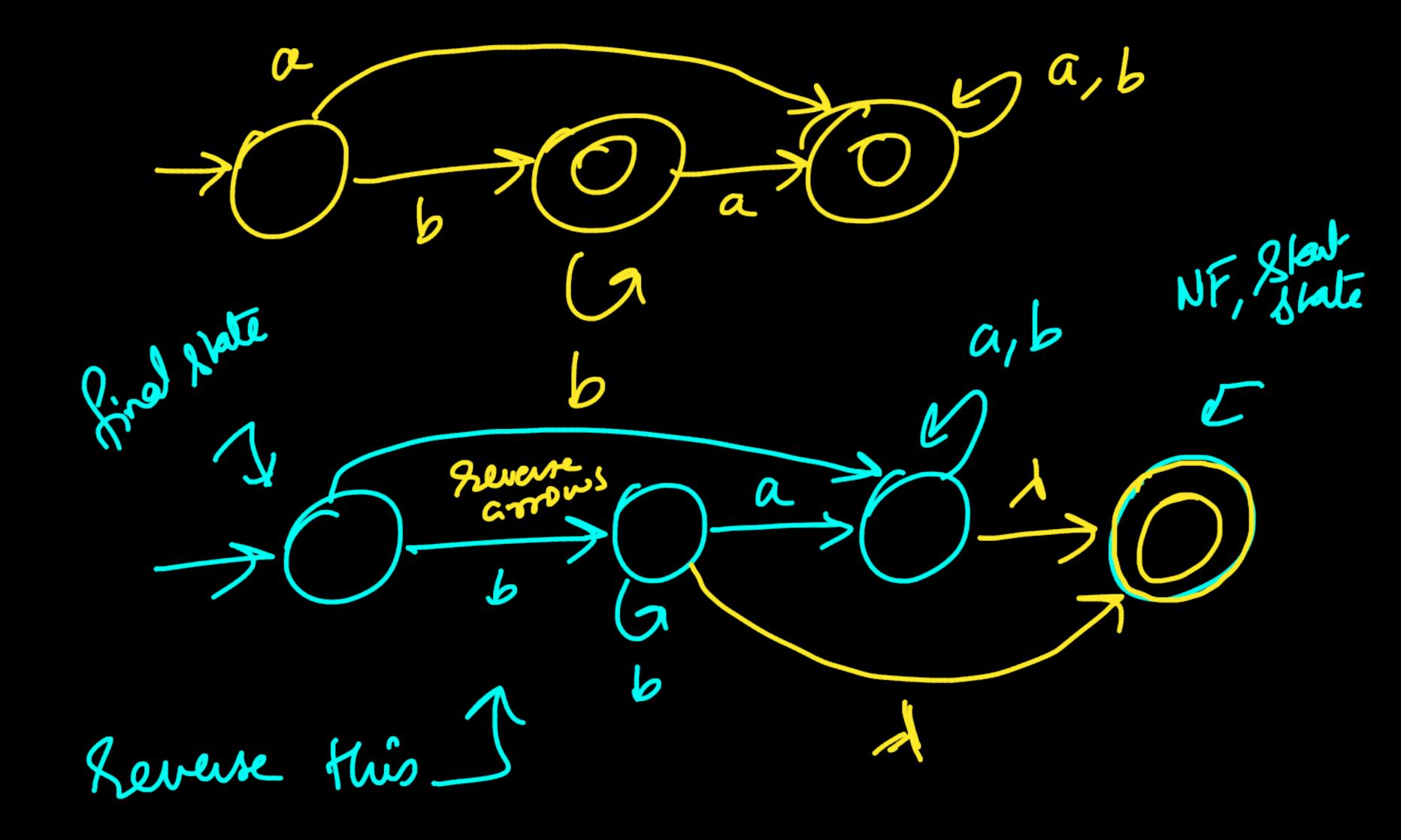
Never compliment NFA -> NFAC L > L' 3X Compliment the NFA 1= 31, a a a aaag L=3 a, b, aa, ab, aaaaa, 3(a,b) haa a

 $\frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}$ Compliment the NFA $l = \begin{cases} a, b, aa., b. \\ ais 65 \end{cases}$ (a+b) + a Union d= { aba, aa, ab}

(pncatenation L2 = 3 a b a 3 1 = 3 ab $d_1 = \frac{5}{2}ab.aba$

Reversal of a large a,b

L = a w b a b b co Reverse = bwa A ()



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