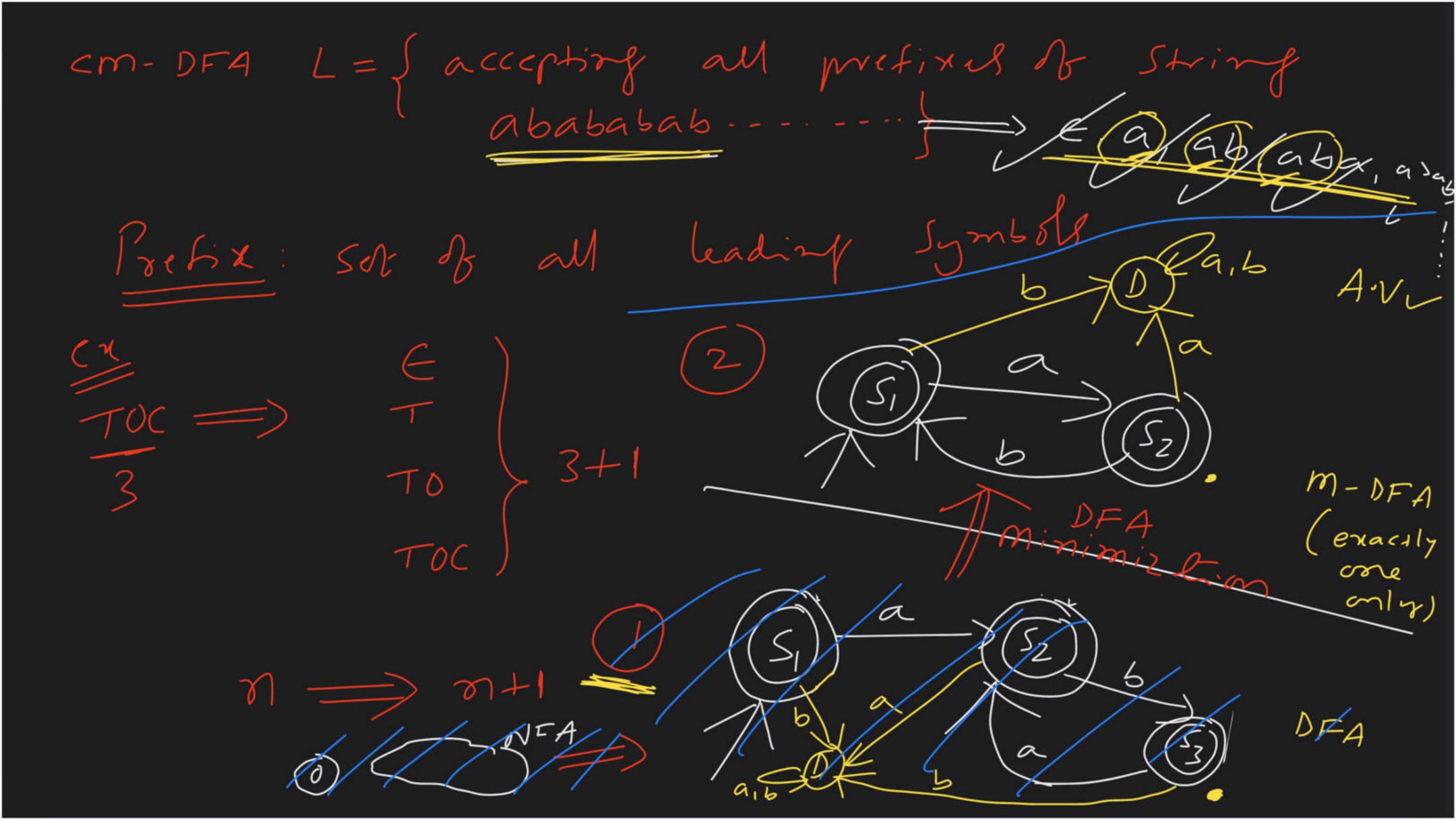


Complete Course on Theory of Computation



cm-DFA L= all stings of a's 82 b's where length of each string div-5} Vacaaa (So) a15 (SI) a15 (SZ) a15 (SZ) a16 (Sy) 9,6 To whe storg lengte división by on contin m-DFA-eving n-stelis

L'= { Set b all stringle of a's 226's where each stry length not div by 5} L = (a+b) - L =) 1,2,3,4,6,7,8,5,1',---- $L \cap L' = \phi$, $L \cup L' = \varepsilon^{\dagger}$

 $U = \{1,2,3,4,5,(,+,8,9)\}$ $A = \{1,2,3,4,5\}$ $A' = U - A = \{6,7,8,9\}$

$$DFA \stackrel{()}{\underset{F-N^{\square}}{=}} (DFA)$$

$$VF-F$$

NFA
$$no-grandel$$
 S_1
 S_2
 S_3
 S_4
 S_5
 S_2
 S_4
 S_5
 S_4
 S_5
 S_5
 S_6
 S_6
 S_6
 S_7
 S_8
 S_8

$$\begin{array}{c}
V = A \\
V = A
\end{array}$$

$$\begin{array}{c}
V = A \\
V = A
\end{array}$$

$$\begin{array}{c}
V = A \\
V = A
\end{array}$$

$$\begin{array}{c}
V = A \\
V = A
\end{array}$$

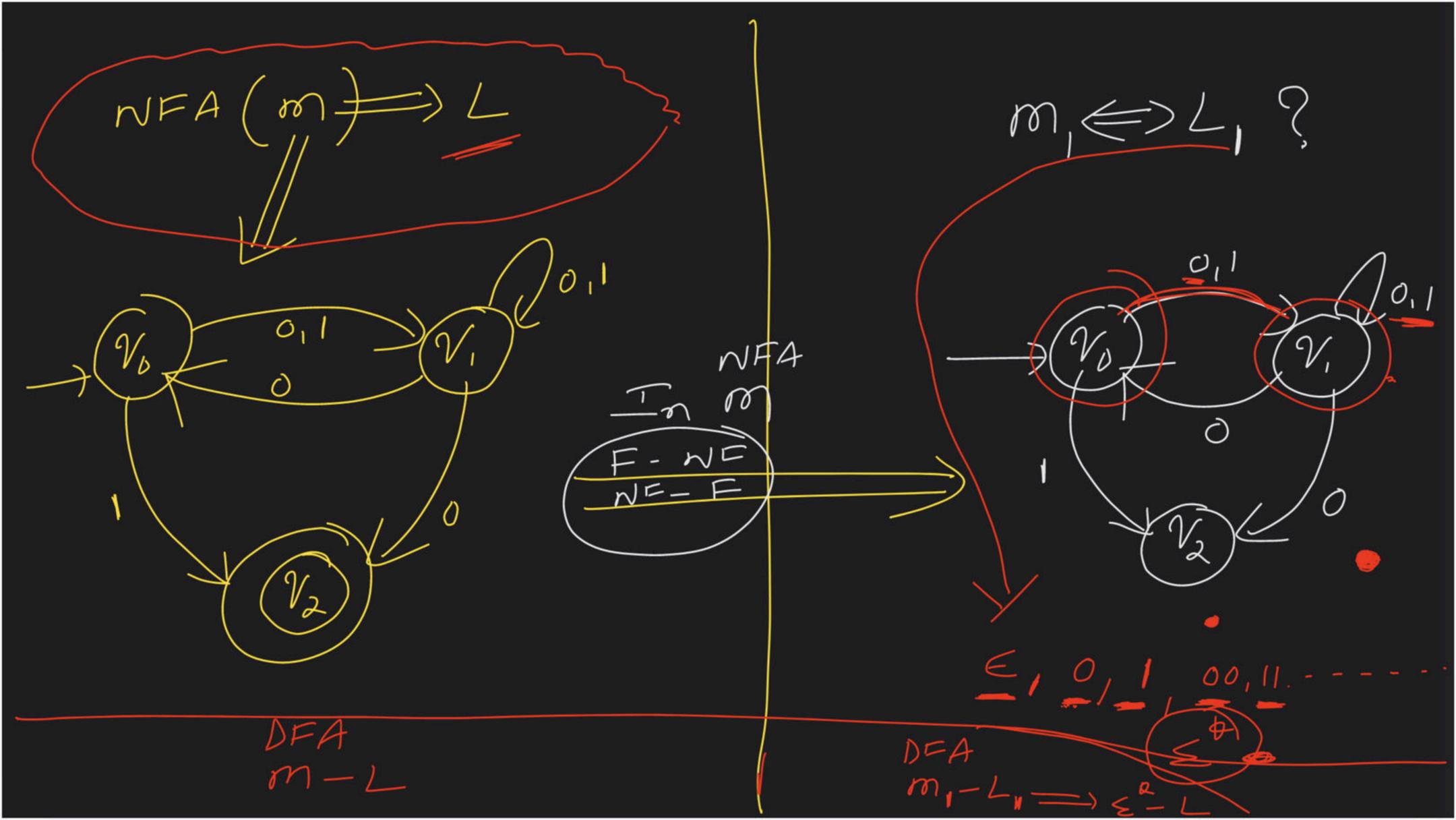
$$\begin{array}{c}
V = A \\
V = A
\end{array}$$

$$DFA = L$$

$$DFA = L$$

$$U$$

$$Z = L$$



Thank you Dedicte Hat





