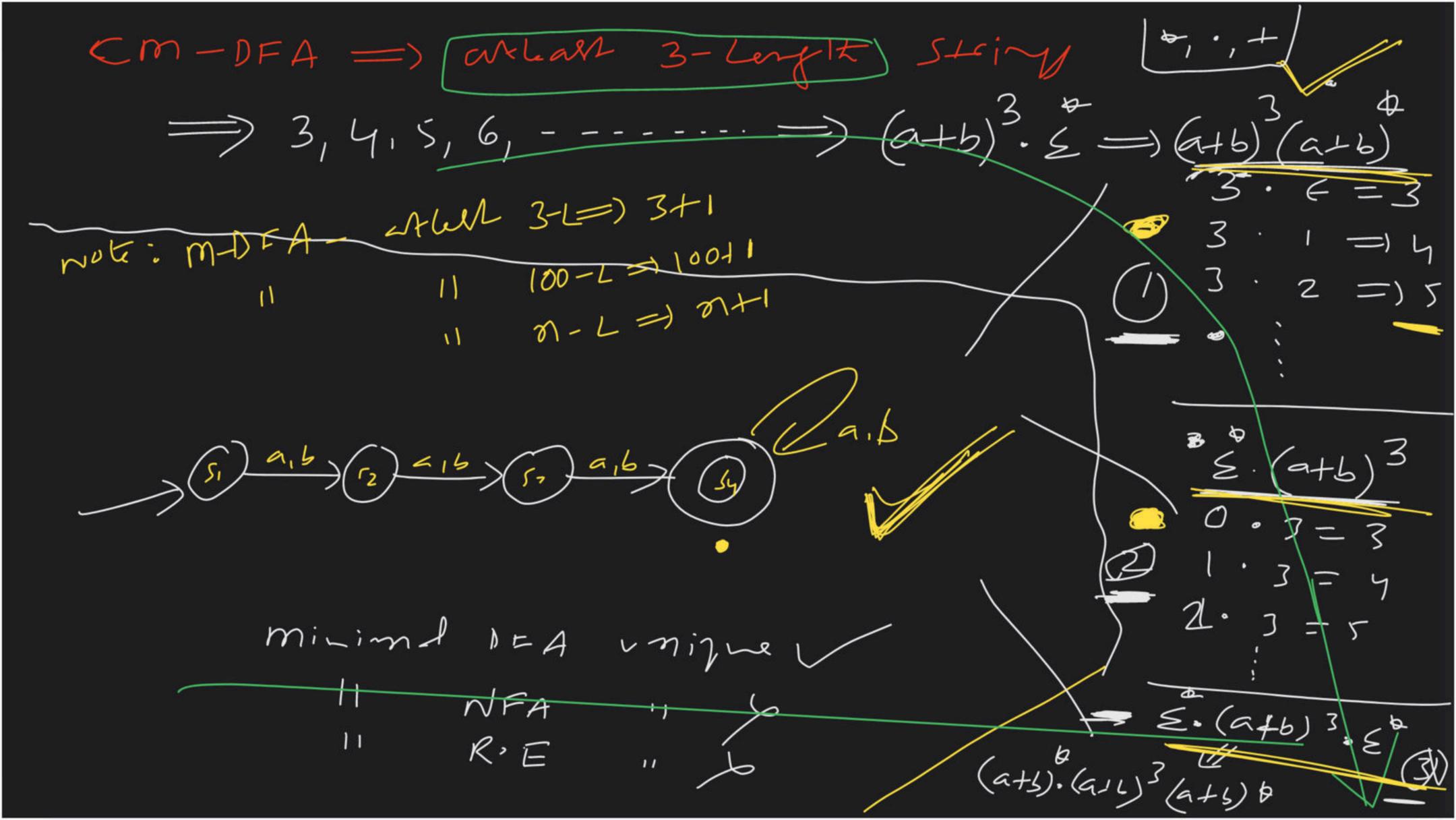


Complete Course on Theory of Computation

L={all strings of a's R2 b's where each string length it exactly 3'} ==> aga, abb, --- bb5==> 3-L ==> 4-5 (a+b)3 (S1) a1b) (S2) 91b) (S3) 91b) (S4) (xacily-100-DFA => 101+1

 $|ac||_{9} - |00 - DFA = |00| + 1$   $|ac||_{9} - |00 - DFA = |00| + 1$   $|ac||_{9} - |00 - DFA = |00| + 1$   $|ac||_{9} - |ac||_{9} - |ac||_{$ 



CM-DFA L= { Set of all string of a's rebis} your each string lengt at mall 3 L=) 0/1/2/3/  $\begin{array}{c}
(S_1) \\
(A_1b) \\
(S_2) \\
(S_3) \\
(S_3) \\
(S_4)
\\
(S_4)$ M-DFA- 3-L= 4+1 (D) Ea, b NFA 11 - 100 = 101+1/ 3-L => 4 100-L =>101

 $(a+b+e)^{3}$  $\leq 1 \leq 1 \leq 3$  $\epsilon \in \epsilon = \epsilon$ e. a a = aa  $a, \in A$ 5 5 5 = 566 Every Deadstate is non-kind
but every non-kind is not deadstate.

