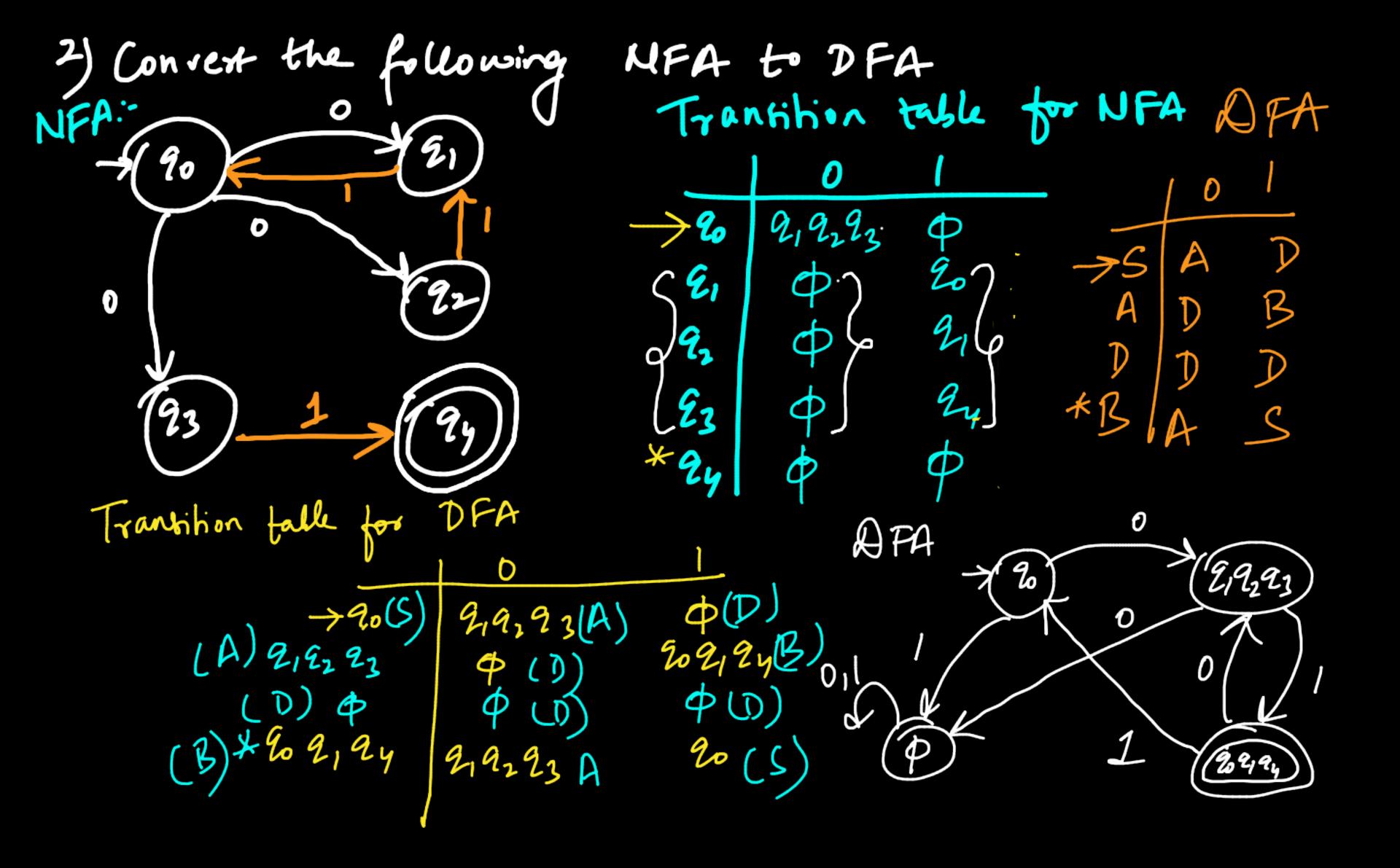
Date: - Ang 24, 2020

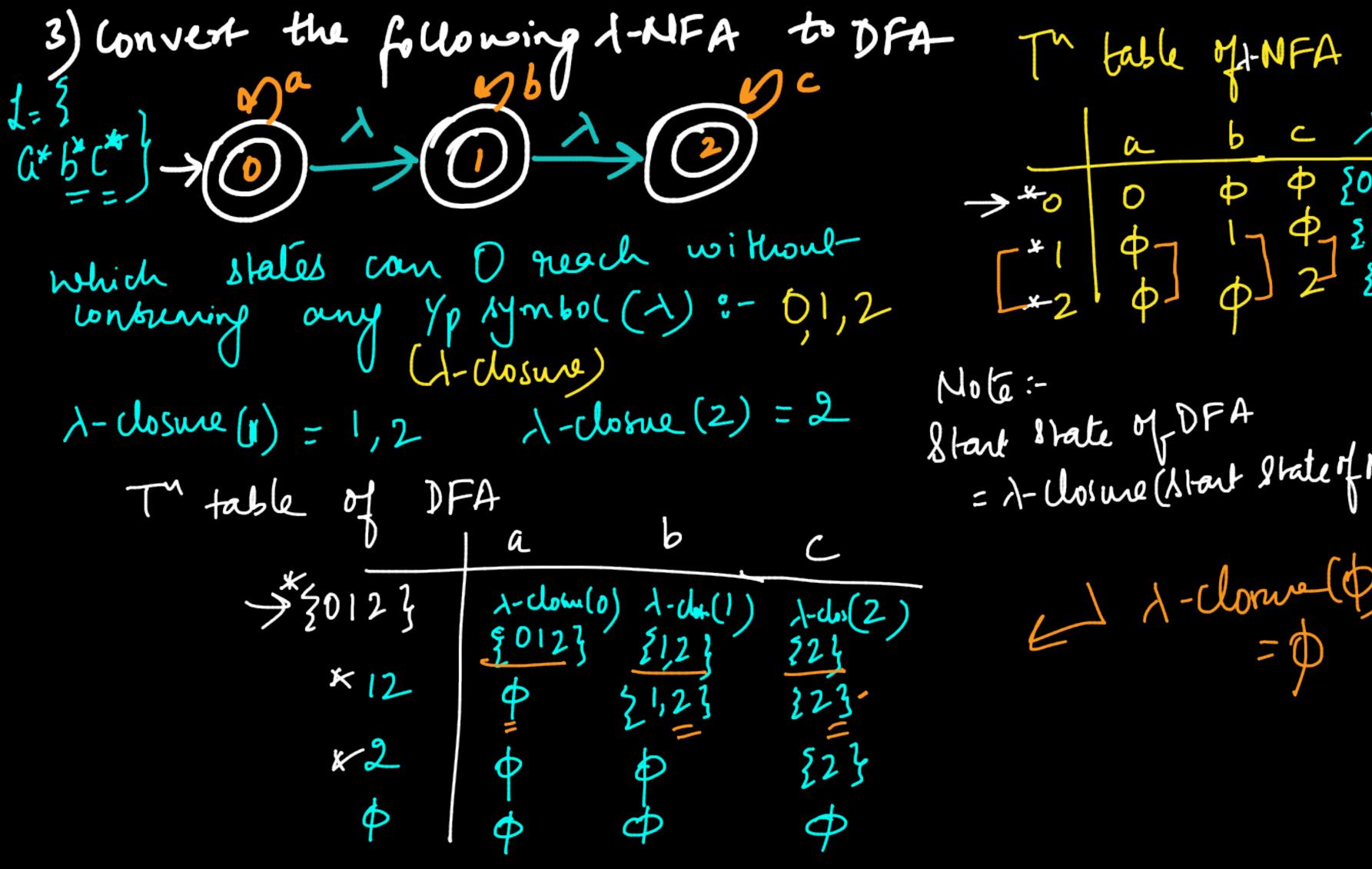
dast Class: - NFA, 1-NFA (=) OFA

d= { aba, ab, a } A() (A()) (A 3(5) A (0) A (0) This class: NFA -> DFA

(LINEA) Subsel- Constaution Melkod

1) Construct a NFA where the sciond symbol from RMS is always 'a'. Convert this NFA to DFA. d: (a+6)* a (a+6) Transition Table $\rightarrow (D)$ a_1b a_2b The table of DFA 20,13 | 39,1,23 20,23 30,1,23 {0,1,23 {0,2} × 30,231 30,13 0

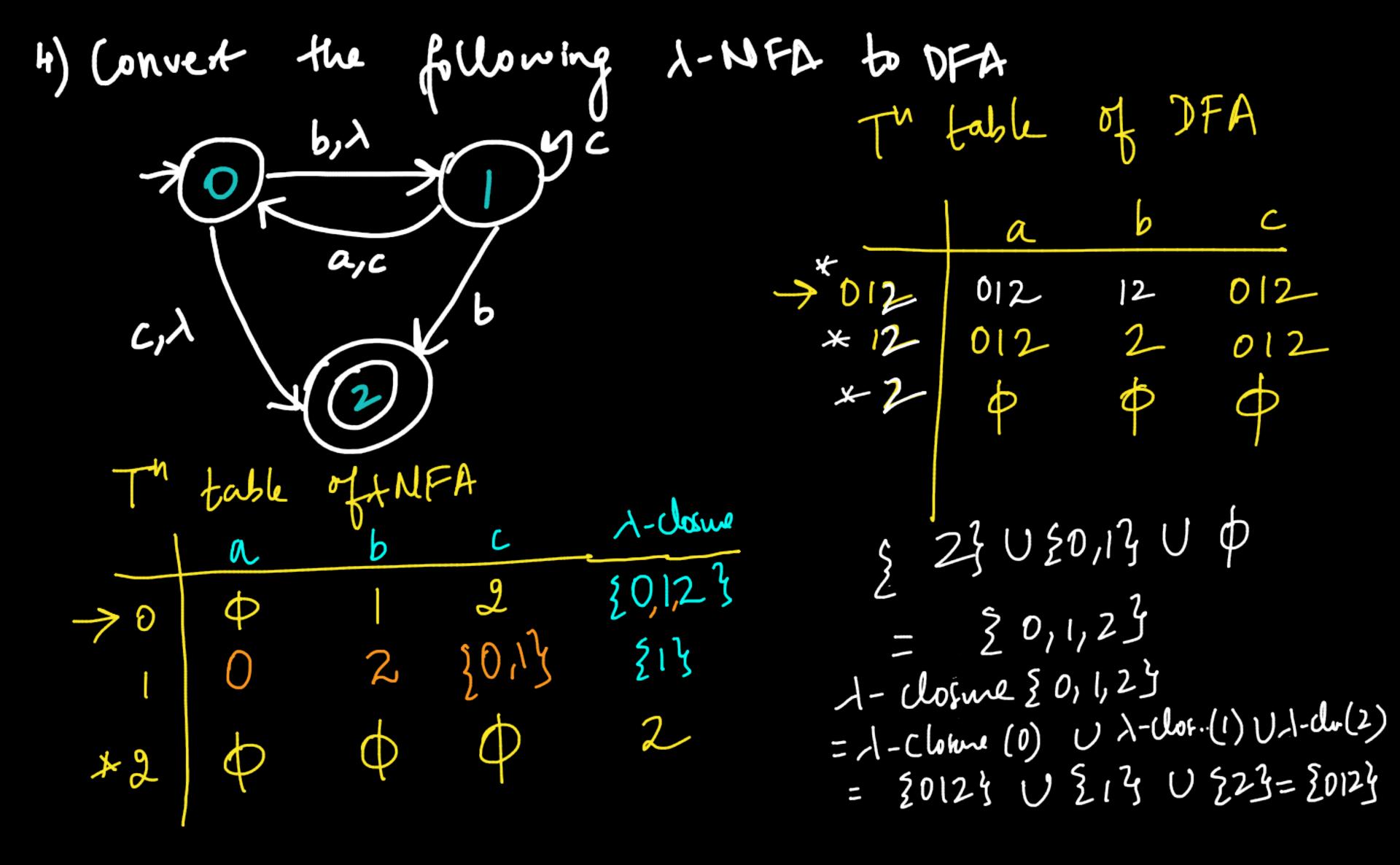




a b c /-dosm > 0 P \ \{0,1,2\frac{1}{2}}

Start State of DFA = 1- Closure (Start State of NFA)

J-Clonie (b)



the following A-NFA to DFA Convert Transition table of DFA a 01 012 0/ 12 X012 12 *121 1- losure 12

9:- voltal-happens if me apply Subset construction method to a DFA? CNFA to DFA) (2) a, b