DFA Construction - V

Complete Course on Theory of Computation

(13th feb) yestern lan (6am 8l (12th sel) D-B- yesterday (12th sel) D-B- yesterday TOC- marking del

Subbarao Lingamgunta • Lesson 9 • Feb 14, 2022

> (S1) (S2) (S2) (D) (S2)

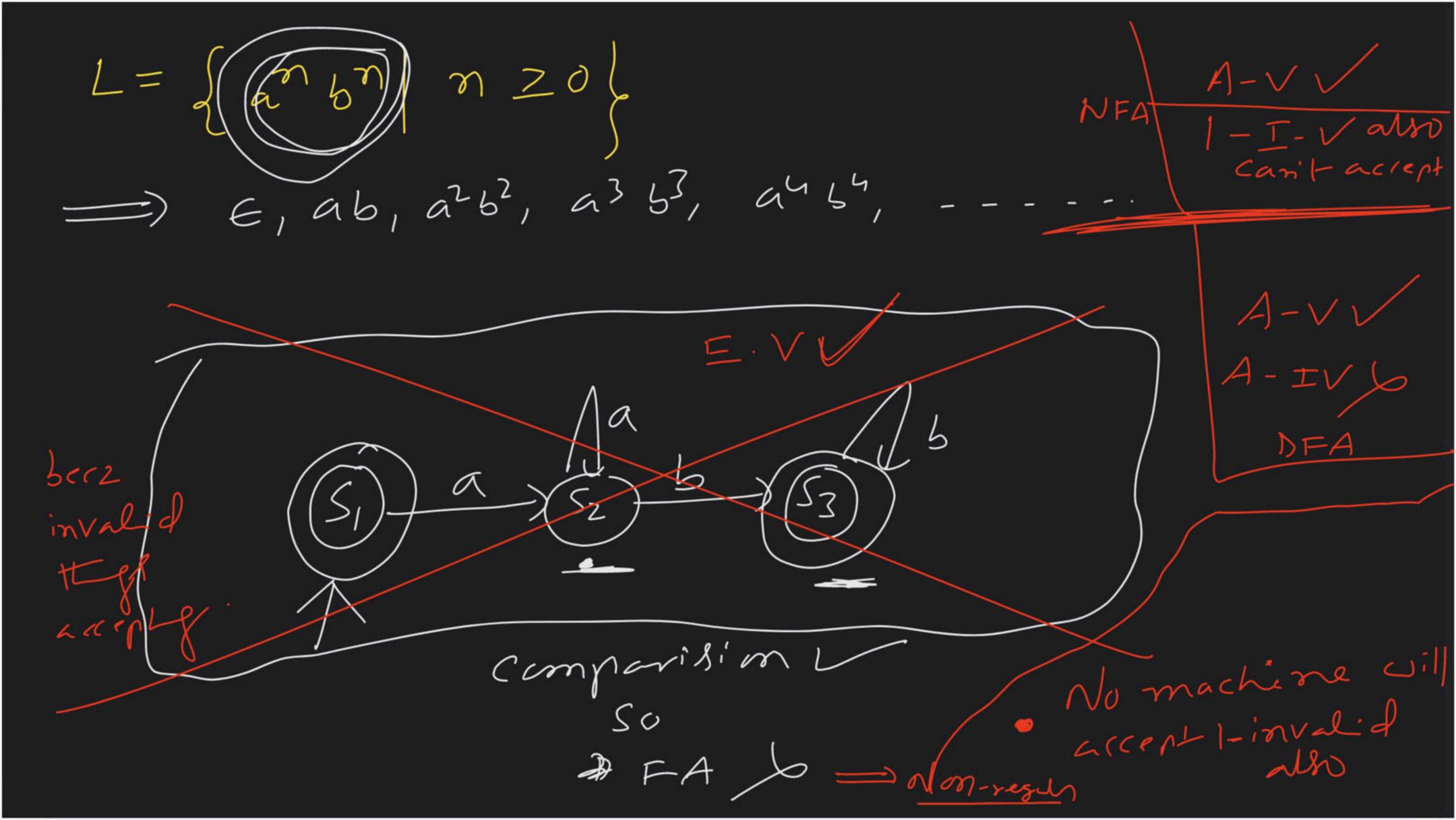


 $L = \left\{ a^{l}b^{m}c^{n} \middle| m, n, l \geq l \right\} \implies a^{l}b^{l}c^{l}$   $\longrightarrow a^{b}c^{l}, a^{abc}, a^{abc}$ 

(51) (3) (52) (53) (54)

$$L = \{alsman | l, m, n = 0\} \Longrightarrow abback$$

(5) b (52) a (D) a (B) a



$$L = \begin{cases} a^{m}b^{n} \mid m, n \geq 0 \end{cases}$$

$$M = = n$$

$$L = \begin{cases} a^{m}b^{n} \mid m, n \geq 0 \end{cases} \qquad M \neq n$$

$$L = \begin{cases} a^{m}b^{n} \mid m, n \geq 0 \end{cases} \qquad M = = n + s$$

$$M = n + s$$

$$M = = n + s$$

$$M = n + s$$

 $L = \left\{ \left. ambn \right\} \right. m, n = 0$ m+ m=19 only 11-strings av:11/e 218 416 compandios Civile la purp **ちょく** 6,4 713 Finil! 8,2 9,1 10,0

mt n=5 1-2 mm m, n 20 22 m+n=3 510

Larguse (L) Lis Sinite Lis infinite Tingle alphaset more than 1-alphaset AP-Serie 2/21 Non-AP No-(amb 27/23/ 2 721 720 N.R.L