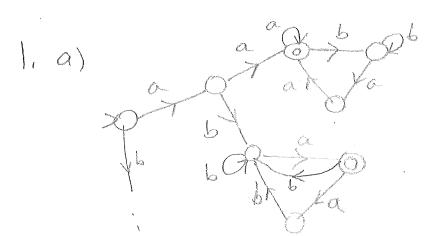
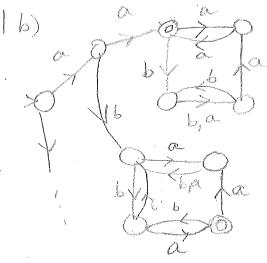
Al "short form" Solutions

CSC1 320 2019



missing branch is analogous. 15 states (4x3+3)

1 c) aa ((aub)(aub))*aa vaa U bb U bb ((aub)(aub))*bb U ab ((oub)(aub))*ba U ba ((aub)(aub))*ab



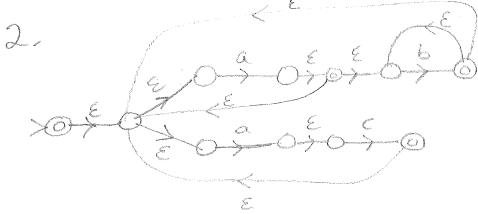
missing states analogous.

Involves adding one

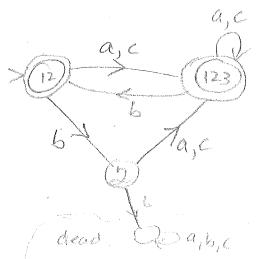
State to each of The

4 "gadgets"

>15+4 = 19 states



3. $\sqrt{\frac{\epsilon,b}{3}}$ $\sqrt{\frac{a}{a,c}}$ $\sqrt{\frac{a}{1}}$ $\sqrt{\frac{12}{2}}$ $\sqrt{\frac{2}{123}}$ $\sqrt{\frac{2}{123}}$ $\sqrt{\frac{12}{123}}$ $\sqrt{$



Al "short form" solutions

CSC1 320 2019 P 2

H. Des S

20 Sept au bat b

>0 (a u ba*b)*

r.e. is (aubatb)*