

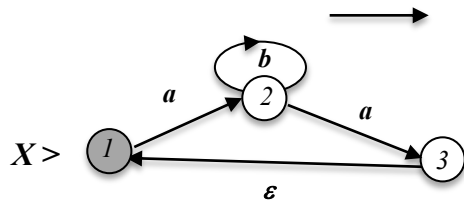
CS 302
QUIZ 2

20 February, 2020

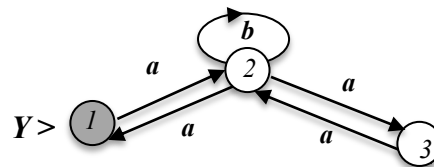
ANSWERS

Given the regular expression $E = (a.b*.a)^*$

(a) (3 pts)



(b) (3 pts)



(c) (4 pts)

Q	σ	Q'
$A > *1$	a	2
$*1$	b	$D = \emptyset$
$B = 2$	a	$1, 3$
2	b	2
$C = *1, 3$	a	2
$*1, 3$	b	\emptyset

