

Math 3342

Homework #1

Chapter 1: #2c, #4a

Chapter 2: #4e, #9a

Chapter 1 #2c

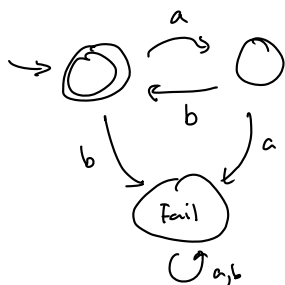
all strings of length 3 or less in  $\{a^n b^n\}$   
 $\epsilon, ab$  fits all!

Chapter 1 #4

$\{ax \mid x \in \{a,b\}^*\}$

Chapter 2 #4e

$\{(ab)^n\}$



Chapter 2 #9a

