

Math 3342

Homework #6

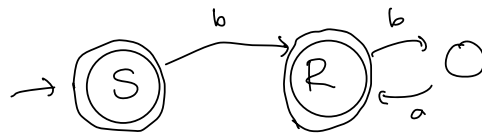
Chapter 10 #13c

Chapter 12 #1 f, h, g

10 #13c

$$S \rightarrow bR \mid \varepsilon$$

$$R \rightarrow baR \mid \varepsilon$$



12 #1f

$$\{a^n b^m \mid m \geq 2n\}$$

more than twice as many b's than a's

$$S \rightarrow aSbb \mid T$$

$$T \rightarrow bT \mid b$$

#1h

$$\{(ab)^n c (de)^n\}$$

$$S \rightarrow abSde \mid c$$

#1g

$$\{a^n b^m c^m d^n\}$$

$$S \rightarrow aSd \mid T$$

$$T \rightarrow bTc \mid \varepsilon$$