

Chapter 2.4 Practice

Construct PDAs from CFGs below.

1. $S \rightarrow 0S1 \mid \varepsilon$

2. $P \rightarrow aPa \mid bPb \mid \varepsilon$

3. $R \rightarrow aaR \mid bR \mid \varepsilon$

4. $S \rightarrow TU$

$$T \rightarrow 0T1 \mid \varepsilon$$

$$U \rightarrow 1U0 \mid \varepsilon$$

5. $E \rightarrow aaE \mid bbE \mid D \mid \varepsilon$

$$D \rightarrow abD \mid baD \mid E$$