Homework Module 12 \$ 13

Sec 7.1: 69, 10, 12, 14

for #12 the 2nd transition should be changed $8(2,15,1) = \xi(2,11) \cdot \xi(2,11) \cdot$

6. Construct NPDA's that accept the following languages on $\Sigma = \{a, b, c\}$ g) $L = \{w : n_a(w) = n_b(w) + 1\}$

 $a, \$ \rightarrow 1\$$ $a, 1 \rightarrow 11$ $a, 0 \rightarrow \lambda$ $b, \$ \rightarrow 0\$$ $b, 0 \rightarrow 00$ $b, 1 \rightarrow \lambda$ $c, \lambda \rightarrow \lambda$

(20 1, 1 -> 1, (2) 1, \$ -> \$ - (2)

10. Find an NPDA for the language L = {ab(ab) ba(ba) : n20}



