Ch 7.1 Construct NPDA that accepts Languages on z = 3a, b, c 3>6,1, h

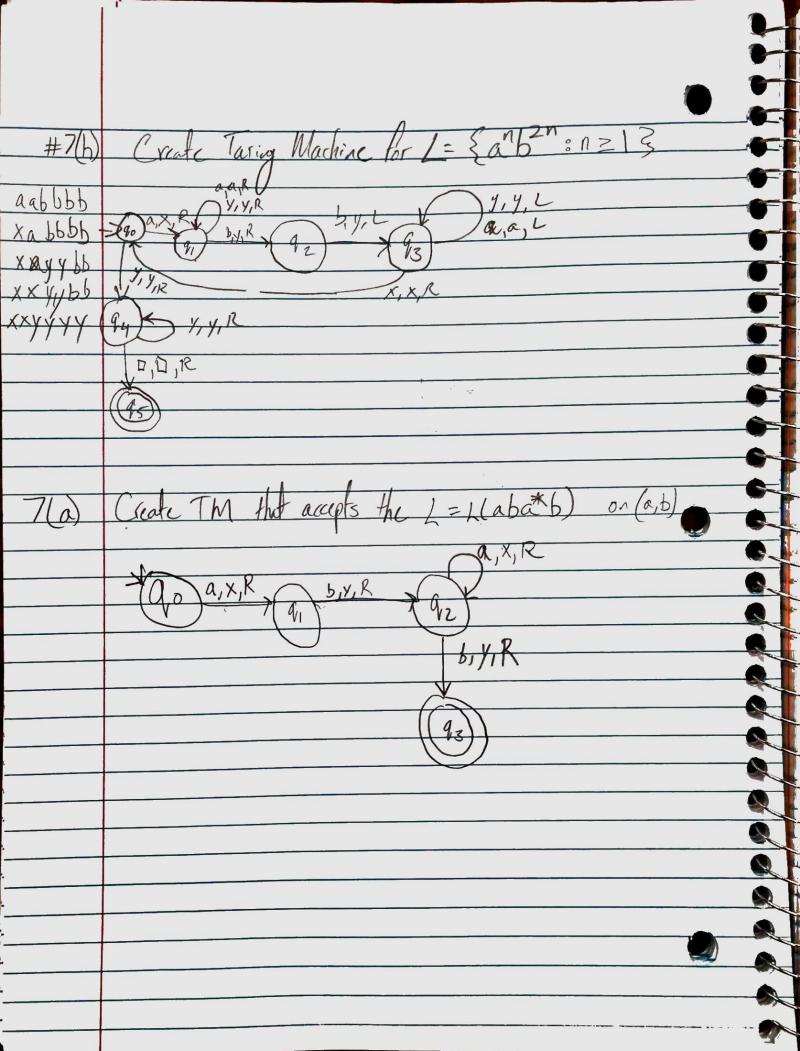
= {a1/2 mcn+m: n > 0, m > 0 g. & BB CXX

NPDA Léabrithem: nzo, mz13 0,2,02 0,0,00 0,1,11; 0,1,1; 0,1,1; 0,1,1; 0,1,1; 0,1,1; 0,1,1; 0,1,1; 0,1,1; 0,1,1; Step 1: read a, put token to be consumed by b, change state Step 2°. read b, consume tokens from a Step 3: read 5, write token to be consumed by c, change Step 9: rend c, consume token from b

Constact NPNA on E=2a,b,c} L= {ar} bm = n < m < 3n }

#5 What language is accepted by the Turing machine whose transition graph is in the figure below? 6,6,R D,9,R 2= 5(ab*)+ 6(b*) a (a+b)* 5 I don't think this is L= San bin an : OKNEL, MZDE To this correct?

Design a turing machine of no more than states Assure Z= Zajbig Isit? agis a,a,R



11,3(b) Find CSG for following L= {a^ba2^s A213 S > abc aAbc Ab -> bA AC -> BSCC BB - RalaaA 45-7 abaa 1 aAbaa Ab -> 6A AAA -> BBAAAA BB -> BB AB -> AA AAAA

TM as computer 3-int-after TM as 4,a,R abaa baaa aa, R Comp a,D,L rent b, write a, move & red to , write D, move L red a write of move & (move to HACT) accertor any # of into Daja, L I,D,R