Tingle Wany

The first state and final state is  $\lambda(0) = \{0, 1, 2, 3, \dots, n\}$  $= \lambda(\{\emptyset\}) / \{\emptyset\})$ =  $\lambda(\{\emptyset\}) / \{\emptyset\})$ (7N(0, b), VTN(1,b)) tinal state are {13, 80} TP(SH, a) = A(TN(1,a))  $T_{D}(\{1\},b) = \lambda(T_{N}(1,b))$   $= \lambda(\{1\})$ 7 (TN(2, a) ( To 16,0) Tp ( ( ) a) =  $= \lambda(7)(2,5)(1,6)$   $= \lambda(50)(1,6)$ 

S >> balasb; ansabb S >> asb >> ansabb >> ansabb  $(\dot{\alpha})$ ba

Tinybo Wanz 31 ambb c1 = a\* bb c\* (a) (6) (a+b)\* 6bb (a+b) a)( Start > a,b,C S.

6. (a) S -> acabbbl asb (b) S-> ba/ bbs 7. babab Treez