1. a) w= { a }

If w is sufficiently long, then w can be split into 3 pieces Tyz. Then ty'z where i ≥ 0 must also appear in the language.

Let m=2". The difference between the next value in the language

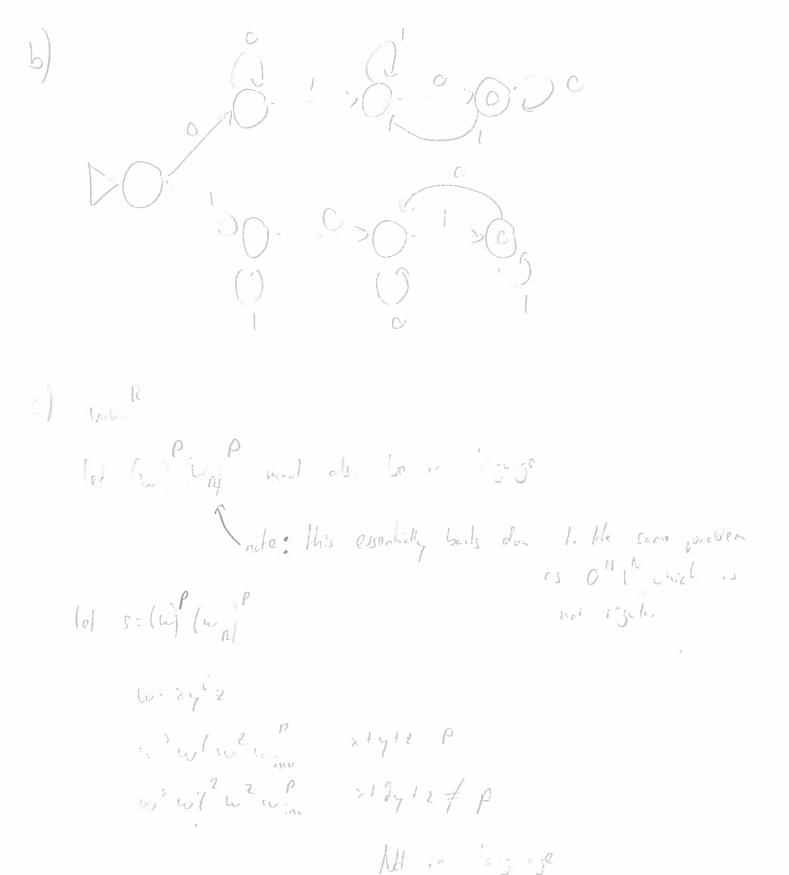
2(h+1)- 1 = 2 h, which is increasing.

Let n=3 The s=a2 = a8

2 = xyz 470 |xy| = P > y'z EL

Let s= acc

{ a a } { a



3. anbh

Ephil Decole

(), a, t