Q 1,46 cont.

B) L = {wtw | w, t ∈ {0,1}} + 3

Pumping Lemma 5 €L where |5| ≥ P

(a) 1y1>0 (b) | ty1 ≤ p (c) ∀°>0, xy'z € L Assume Lis regular, the Lis regular aswell
L= {w|w { {30,13 put apalindrome}} This pumping length P, let s = 0°10°

by (2) x and y are 0's, y = 0° for bx K<P = 2

Xy2 = 0°+K10° since there are now more

O's in Grant, this is not a

polindrane

Since L is not regular by pumping Lemma,