











0-Egnivalent SA, B, C3, ED, E3 1 - Equivalent {A,B,C3, {P,E} 0,1,00 Z,00,1 {A}, {B,C}, {P,E} 2- Egnivalent SAS, EB, CS, ED, E'S {A}, {B, c3, {D, E3 BC ZA, BC, DE?

Krubind Femma; If A is Regular Lagrage, then/ A has a promping legth p such that any string's where ISIZP may be divided into 3 parts. S=xyz (1) xyz e A for izo (2) [19] >0 (3) [xy] SP (2) [5] >0 (3) 1xy154

Let P be prompsing lyths

A = a b P

Let P = 4

1 A= {anbn?

 $\begin{array}{c} x & y \\ x & y \\ x = 99, y = 99 \\ 2 = bbbb \end{array}$

(2) Apply Proub fearment for lagre L= { an/n is prime} and prove its not regular. x y y z aaaaaabbbb

XYYYZ i=3aaaaaa aa Lis not Regular. S= aaaa a X=aaa, y=a, Z=9 x yyz x y 2 i= 2 a aaaaaq x 57, 2 aaa aa