* Tuning machine can represent Reconsive-17 Enumerable Language

Algo

13.12.22

KMP - substying match
- o (m+n)
- linear search algo

* LPS - longest pre-fix suffix



+ i = 0, j = 1, Les (0) = 0; $\rightarrow pat [i] = pat [j]$ eps(j) = i+1 i++, j++;

→ Pa+[i] ≠ Pat [j];

if i=0 (PS CJ)=0;

i = (PS [i-1])

J++;

+ (+ext: a b a b c a b c a b a b a b a b d pat: ababd
0 1 2 3 4 if match i++, J++. if I match J= 2PS [pat (3-1)] + + C, 0 = C * 11,3 i=0,7=0, ~ Ster : 12,4 X 1=1=)=1 12,2 13,3 ~ i = 4, 7 = 4 > 14, 4 X 1=4, J=2 × 14/2 1 = 4, 2=0 0 15, 3 ~ 16,4 1=5, 0=0 i=6/j=1 7 2 2 [0 -2