

Simply Resolu DE

E-Bba

$$C = B(a + bab)$$

$$B = (b(bab)^{*}(a + bab) a)^{*}b (6ab)^{*}$$
 $F = Bbaa + Bba$
 $F = Bba(a + E)$
 $F = (b(bab)^{*}(a + bab) a)^{*}b (6ab)^{*}ba (9+E)$

A + B + F

Kleenes Theorem:

Equivolence b/w RL, RE 2fA

FA → RE: Ardene Thoron ? Equivalent Power RE → FA

Regular Cripmessons

Regular danguage

Gaverator

Acceptor

Rigular

Comm mar

Testing whether a long voge is Regular or mut 3

- Finte language -> Rigular
- Infinite language: are u able to give a far or a regular enfire sein.

an noss L= {a, aa, aaq, aaaa.... } FA: -> () - a > () 20 Eg. anbm | n, m>,1 Eq: anbn |n=10'00 n is bounded eg: anbn In>,1 I track of counting is not possible Eq: WWR 161=2 E= {a,b} $\frac{W}{aa}$ $\frac{WR}{aa}$ $\frac{WR}{aa}$ $\frac{Aaaa}{abba}$ $\frac{Aaaa}{abba}$ $\frac{Aaaa}{abba}$

Eg: a^{m²} | n>,1 L= \{ a, a⁴, a⁹, a¹⁶, a⁸⁵.... \}

NO AP RLX Eq: $a^{2^n} | n \neq 1$ $C = \{ a^2, a^4, a^8, a^{16}, \dots \}$ PLX