

Automata TOC

concept —

1. Language is Regular or not —

Language = Regular
?

- every Finite Language are Regular
 - if Language is infinite = may or may not be Regular
 - if such a Language —
 - Find FA (Find a Pattern in the Language)
 - if Pattern bound or FA possible
 - then Language is Regular
- or this use pumping lemma —

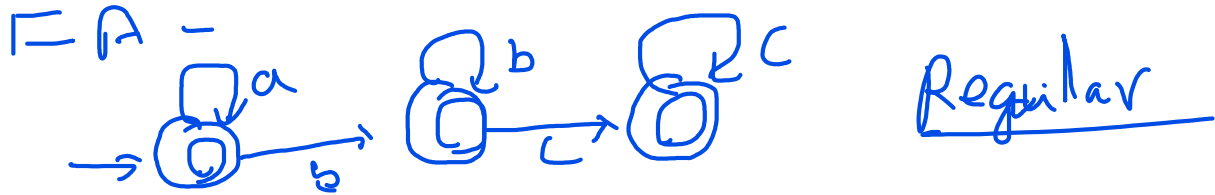


Regular

2- $L = a^m b^n \mid m, n \geq 0$



3- $L = a^m b^n c^a \mid m, n, a \geq 0$



1. —
