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sidebar\_position:2 title: Pre-Exam Test

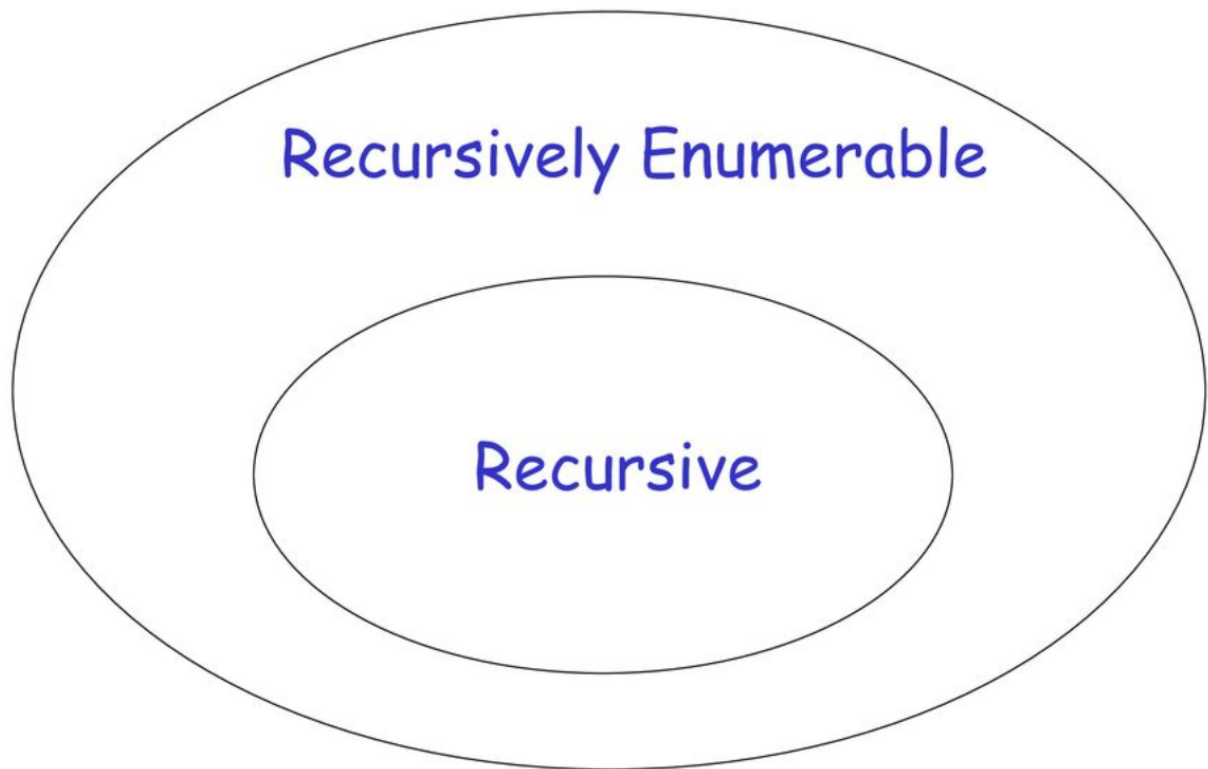
Closure Property

Operation	REG	CFL	RE	REC
Union				
Intersection				
Complementation				
Concatenation				
Kleene Star				
Difference				
Homomorphism同态				
Reversal				

空
CFL and RL    RESULT
CFL n REG
CFL \ REG

RE or REC

# Non Recursively Enumerable



## 1. Le

- definition
- RE or REC, RE\REC ?
- Proof

## 2. Lne

- definition
- RE or REC, RE\REC ?
- Proof

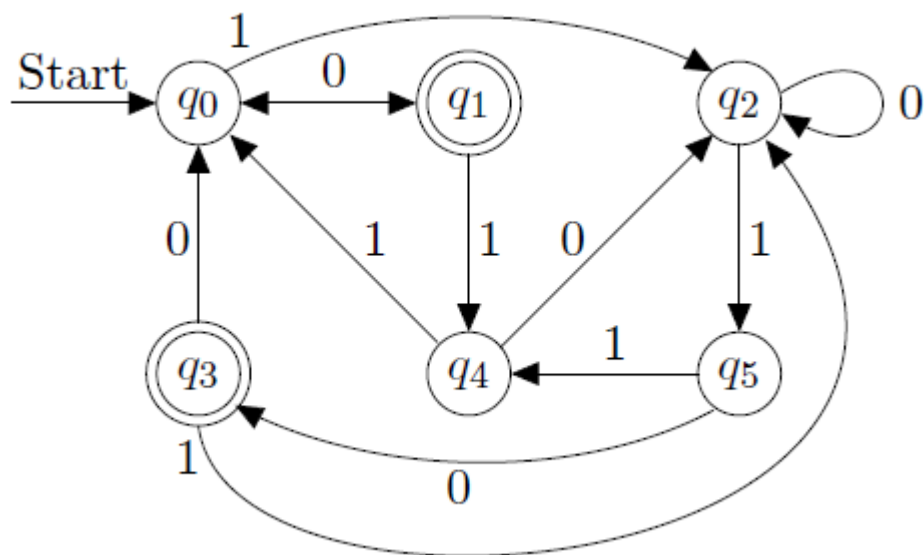
## 3. Lu

- definition
- RE or REC, RE\REC ?
- Proof

## 4. Ld

- definition
- RE or REC, RE\REC ?
- Proof

## Graph



Inductive algorithm for detecting distinguishable state pairs.