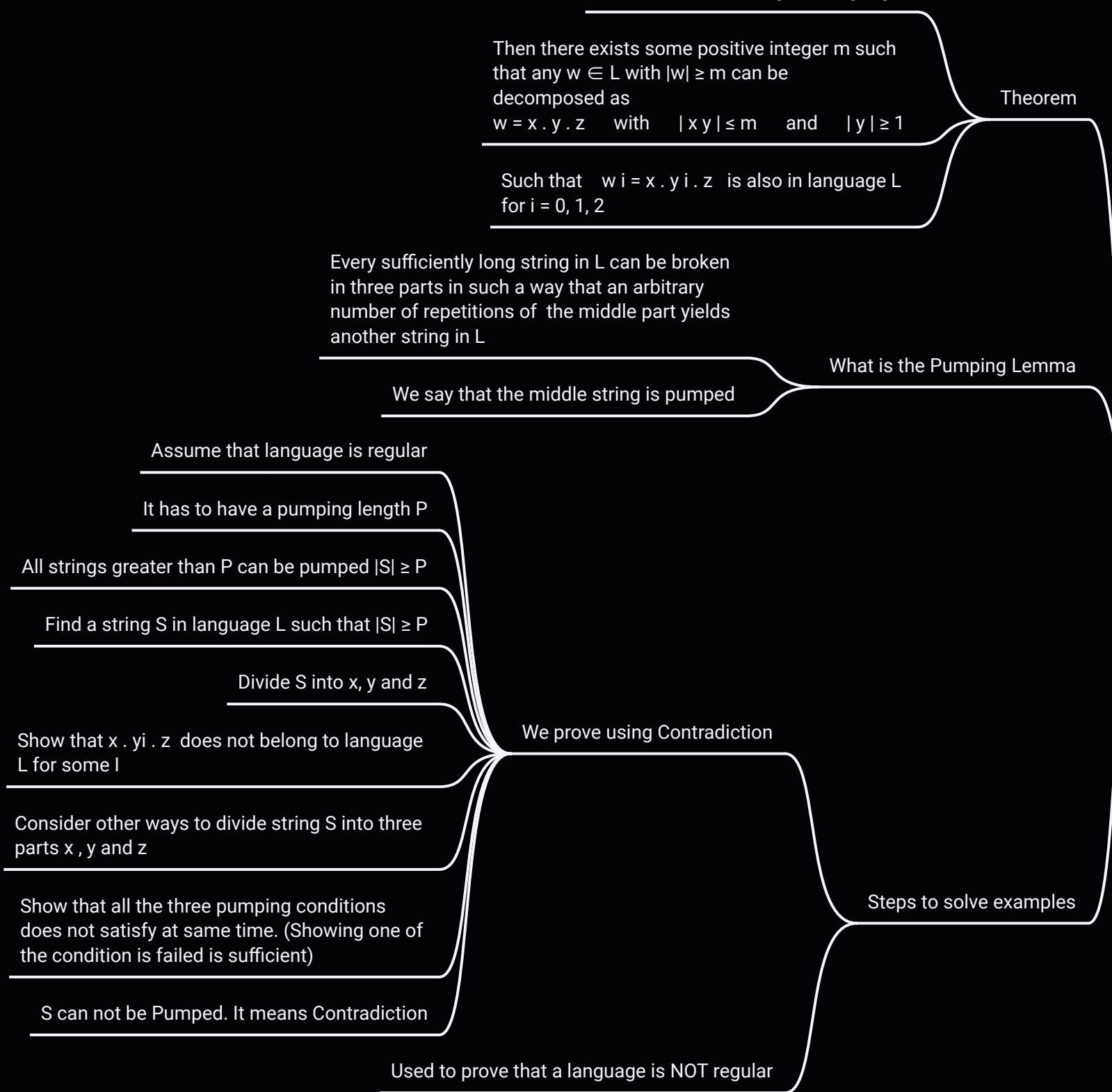
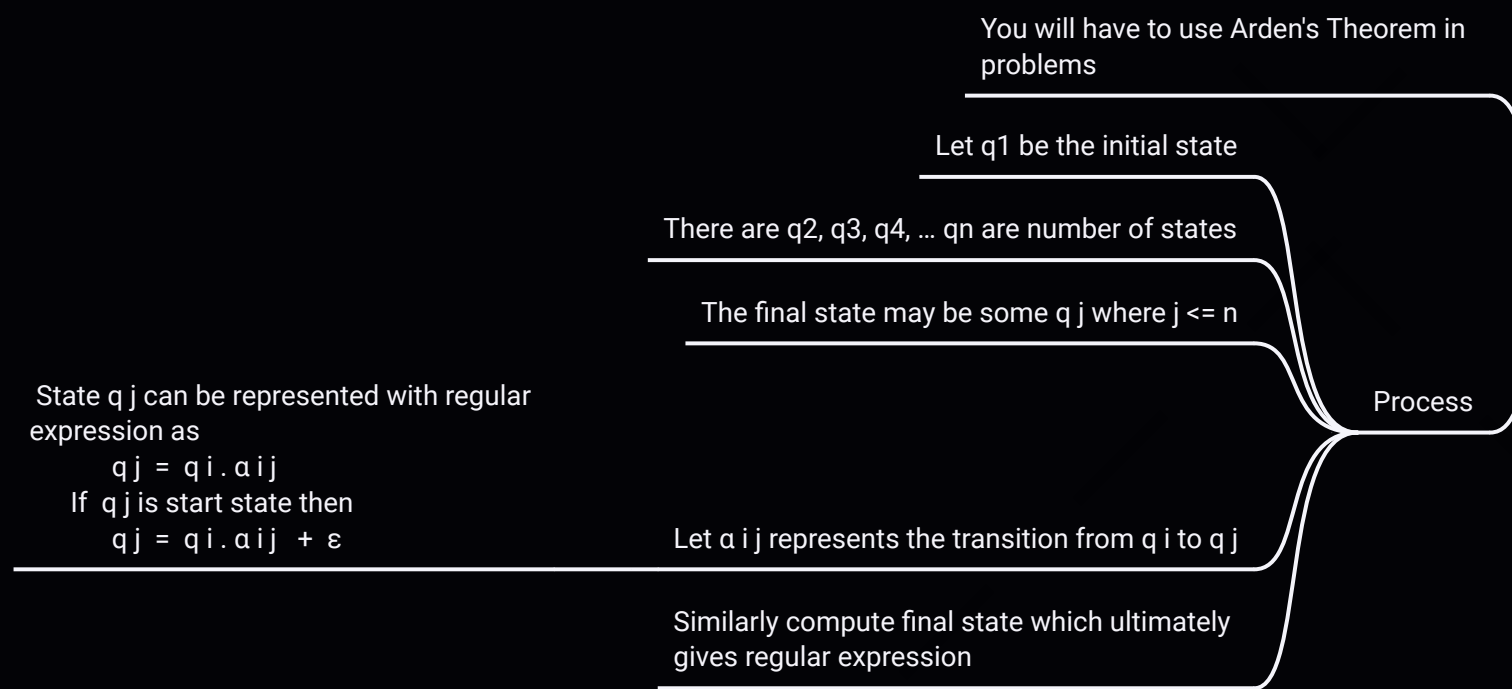


# Regular Expressions and Languages

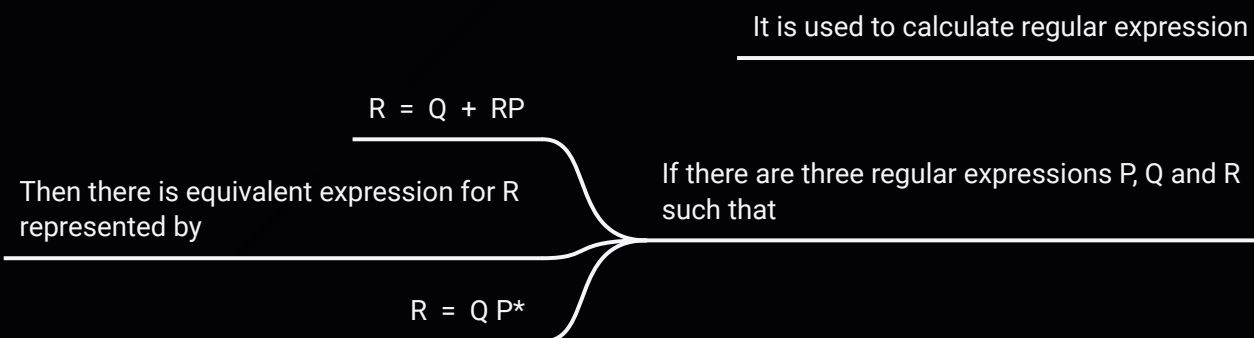
## Pumping Lemma for Regular Languages



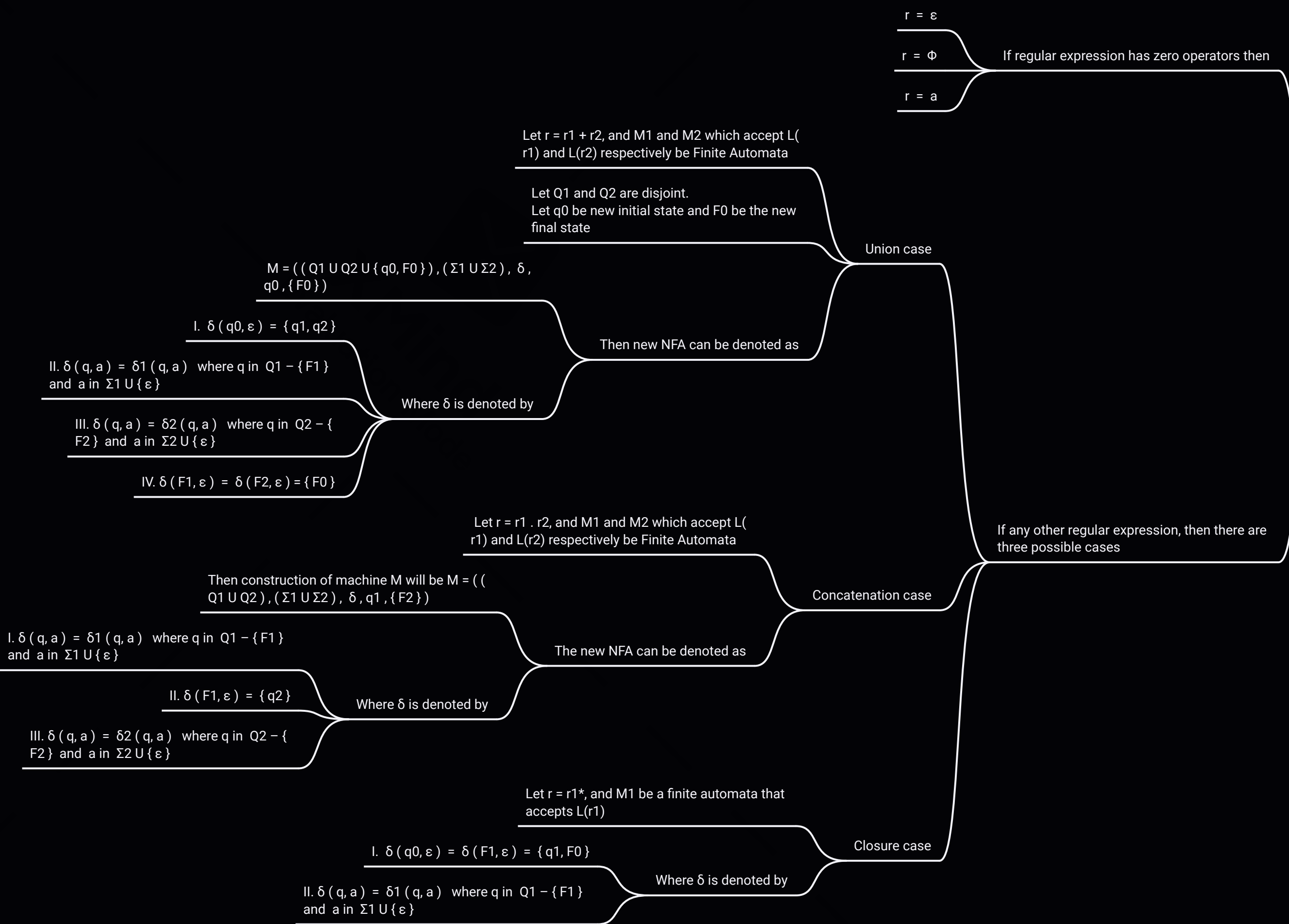
## Conversion of FA to RE



## Arden's Theorem

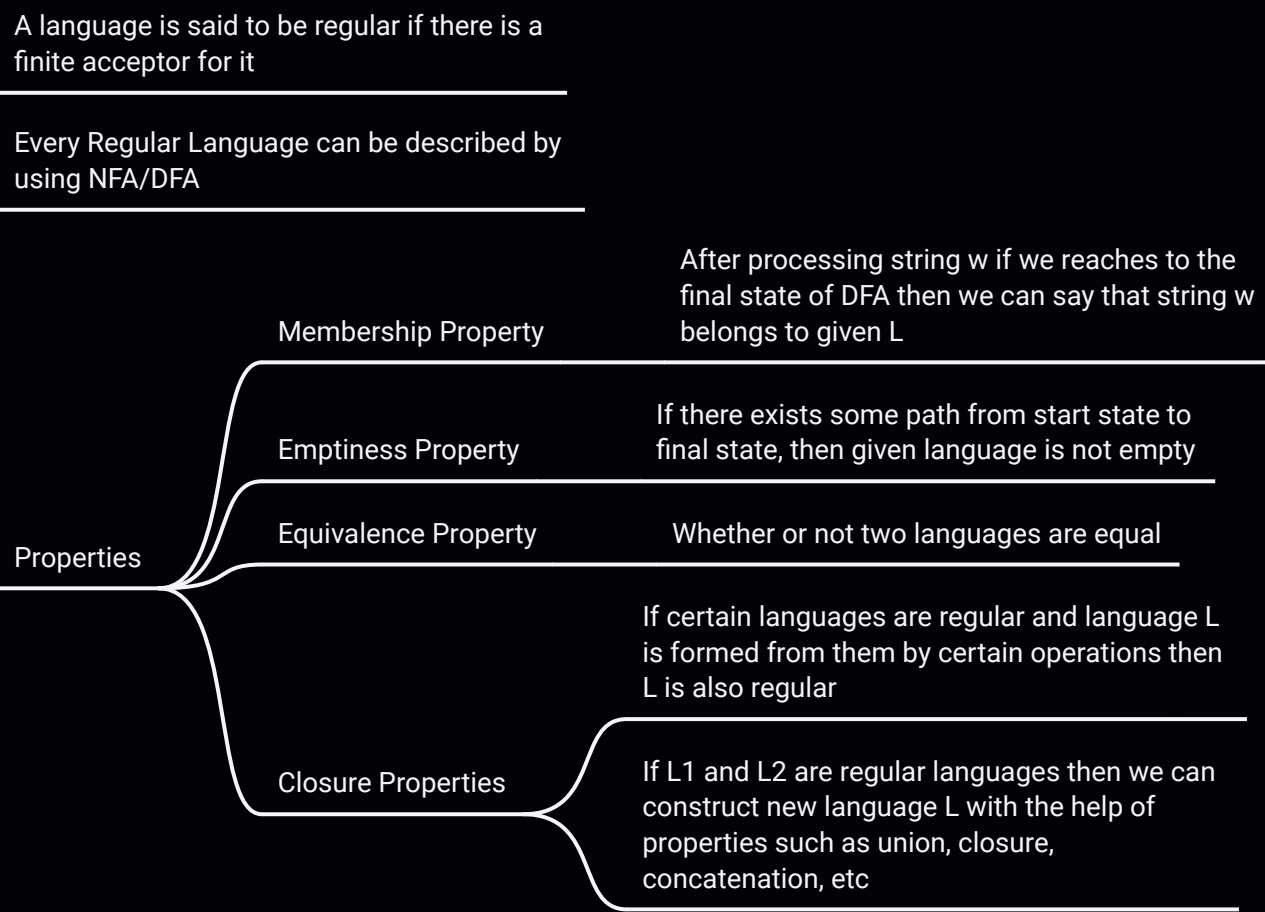


## Conversion of RE to FA

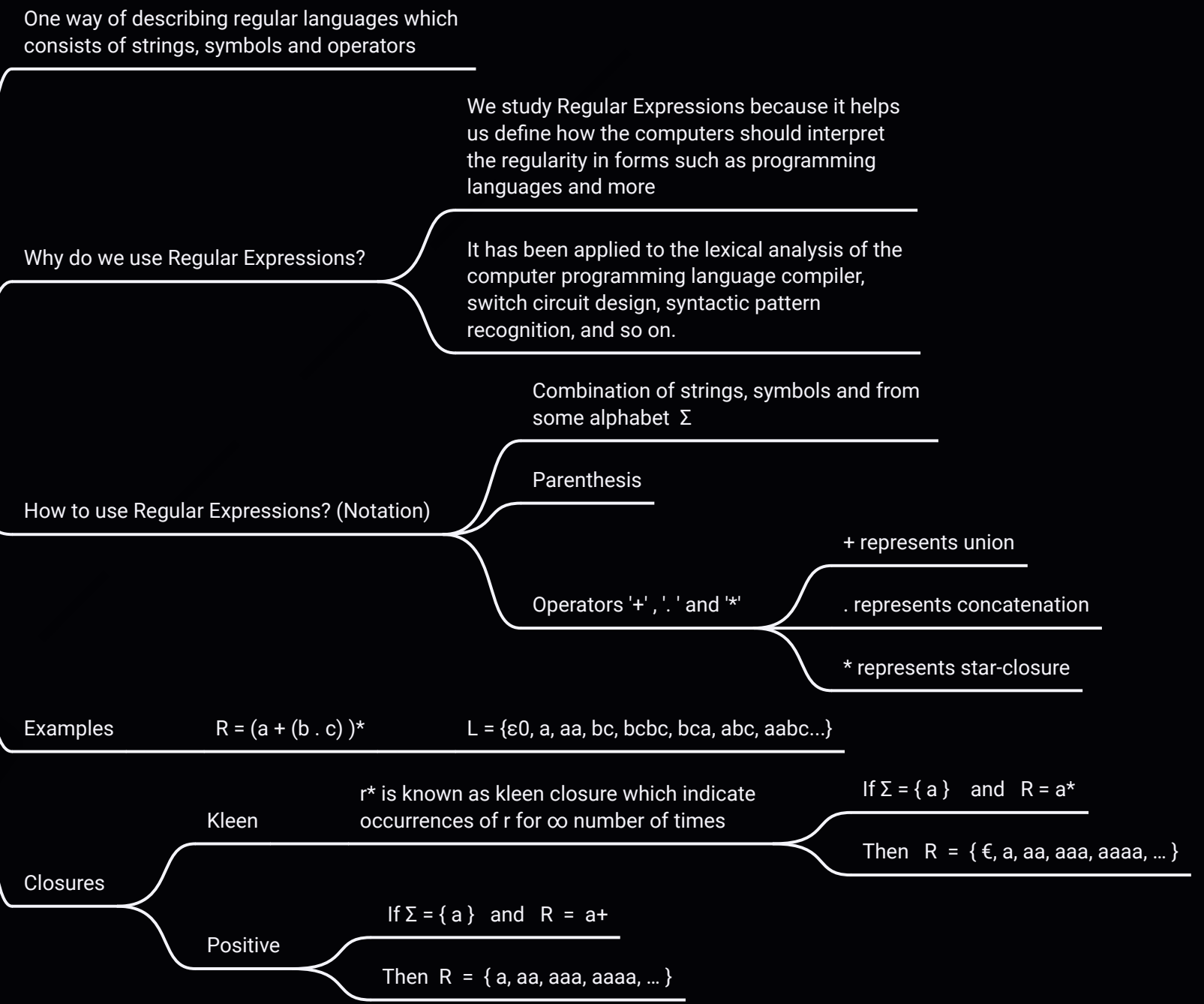


## Few Examples on Regular Expressions

## Regular Language



## Regular Expression



## Language associated with regular expressions

