Finite Automata and Regular Expressions (3.2)

Comment: Restriction on REs.

• From RE to Automaton

We show, given a regular expression R, that there exists an ϵ -NFA with

whose language is ______.

• From Automaton to RE

We show, given a DFA D, that there exists a regular expression whose language is

.

 Conclusion 	
--------------------------------	--

Theorem.	Given a language L , the following are equivalent
1.	
2.	
Languages	that meet any of the equivalent criteria in the above theorem are called