

Disc 6 - Automata

Wednesday, October 9, 2019 9:03 AM

Languages

- 1) Find language AB given $A = \{ "aa", "c" \}$ and $B = \{ "b" \}$

Regex Review

- 1) Write the regex that accepts binary numbers containing "101"

Automata

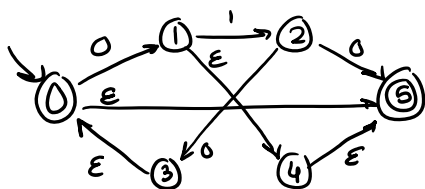
- 1) Show a DFA that accepts "ab"

- 2) Formally define the DFA from 1)

- 3) Show an NFA that accepts binary numbers containing "101"

- 4) Show an NFA that accepts binary numbers with either "00" or "11"

5) Find the set of strings that the following NFA accepts:



a. Find the set of strings that the following DFA accepts:

