Midterm Review

Friday, March 1, 2024 11:29 AV

DFA minimization:

next tutorial, excluded from the midterm.

* Pumping lammar

* closure properties

* DFA/NFA to regular expression.

which of these sets are regular:

$$\# B = \{ x \in \{a, b\}^*, |x| > 0 \}$$

$$*B = \{ x \in \{a,b\}^* : \#a(x) = \#b(x) \}$$

* Bnc) U (C-B) = C

(Bnc) U (C-B) = C

cannot be regular so regular otherwise the right side would be regular.