

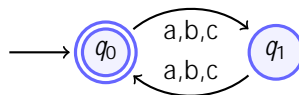
Automata & Formal Languages

Homework 1 - Deterministic Finite Automata

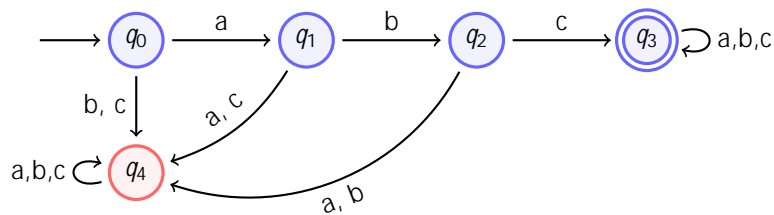
Abraham Murciano

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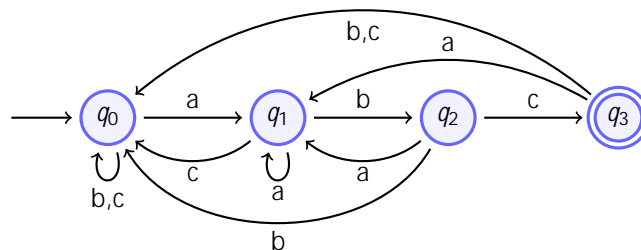
1. $L = \{w \in \{a,b,c\}^* : (|w| \in \mathbb{N} : |w| = 2n)g\}$



2. $L = \{w \in \{a,b,c\}^* : abc \vee wg\}$



3. $L = \{w \in \{a,b,c\}^* : abc \wedge wg\}$



For this language, the word "aaaabc" belongs in the language, but "aaa" does not.

