

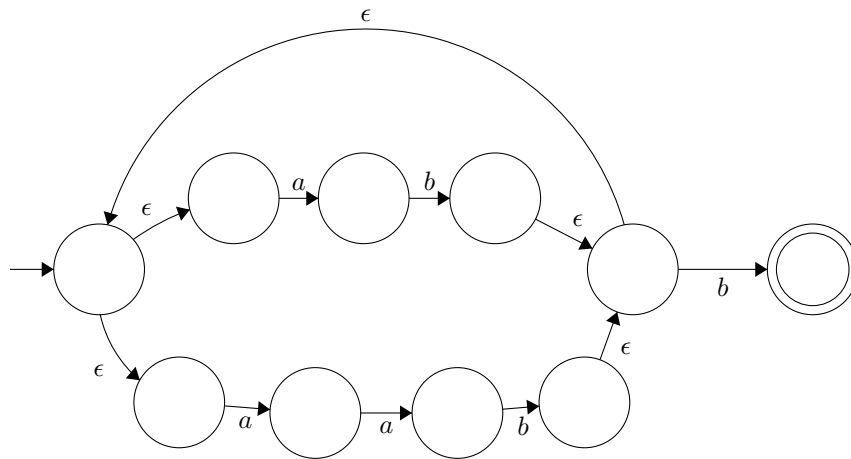
CS 321, Assignment 4

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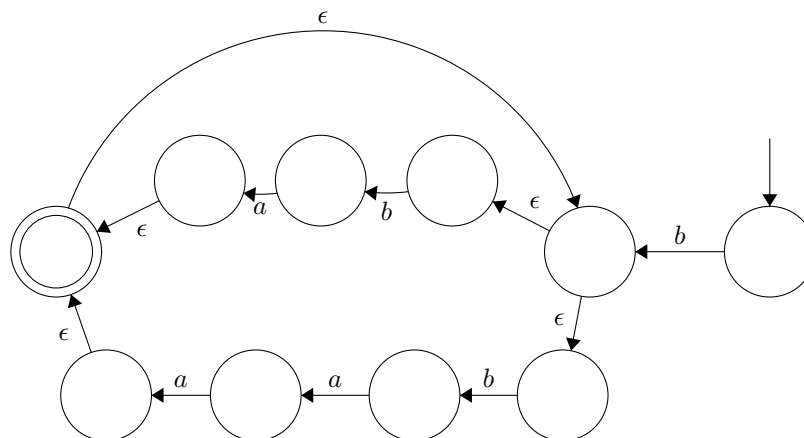
October 20, 2016

1

This is an interesting problem. To get the answer, we need to construct an NFA, reverse it, then construct a regex statement out of it. So, our initial NFA looks like this:

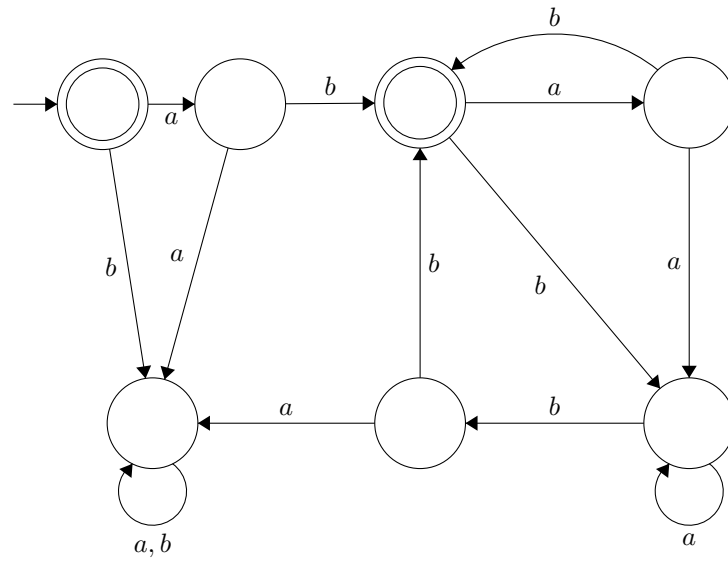


Reverse the NFA:



And then translate that into a new regex statement:
 $b(ba + baa)^*$

2



3

4