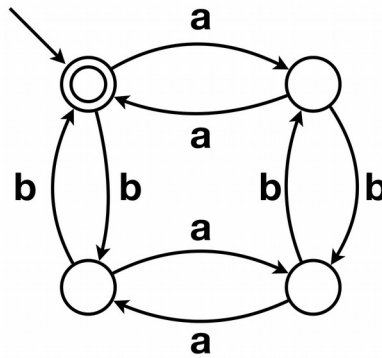


CS 430 Regular Expression and Finite Automata Lab

1. Circle all of the following strings that are generated by the DFA below.



aa

ab

abab

abba

abaa

aabb

abbabb

aabbababba

abbababab

2. Design a DFA accepting the language generated by each of the following regular expressions.

ab^*ab^*a

$abba^*$

$a^*b^*a^*$

3. Give a regular expression that generates the language accepted by the following DFA.

