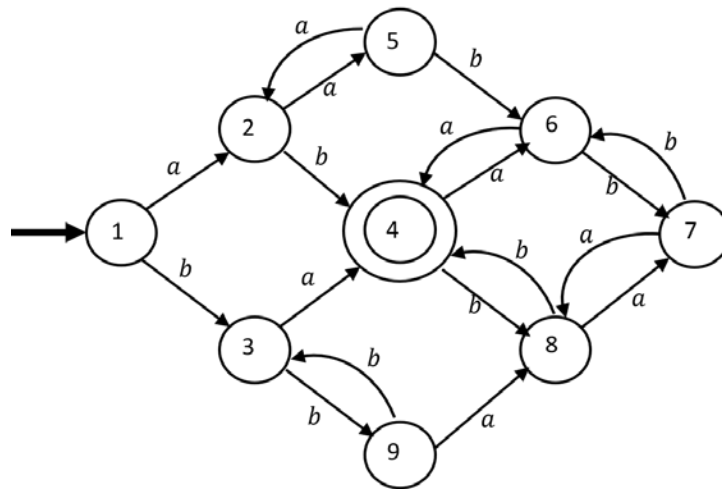


CS 334 Fall 2020: Problem Set 4.

Problem 1.

- a) (20 points) Apply the DFA minimization algorithm to the DFA shown below. Show the matrix of distinguishable pairs of states after each iteration of the loop.



- b) (10 points) Give a regular expression for the language of the DFA in part (a). Show the GNFA at each iterative step in the conversion.