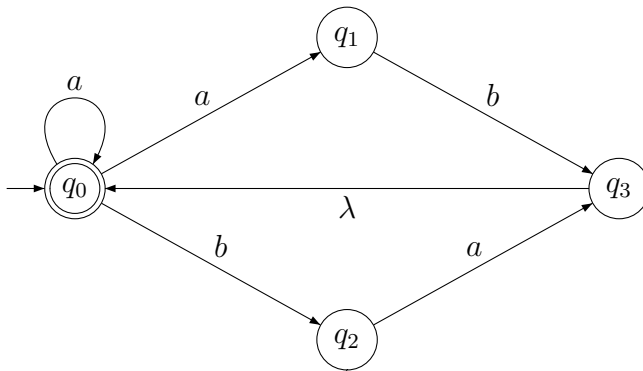


Homework 3

DUE DATE: **Monday, 3/13/2005**

Problem 1. Consider the following NFA N :



- Give examples for two strings that belong to $L(N)$ and two that don't.
- Give examples for two strings that belong to $L(N)$ and two that don't.
- Convert the nondeterministic automaton N into a deterministic machine M .
- Try to provide a regular expression that describes the same language as N .