

Homework 3 (Minimizing DFA)

Due Wednesday, Feb 21, 07, at 3:00 PM in Class

Minimize the following DFA (i.e. find an equivalent DFA with the least possible number of states):

δ	a	b
q_0	q_1	q_3
q_1	q_4	q_2
q_2	q_1	q_5
q_3	q_0	q_4
q_4	q_4	q_4
q_5	q_2	q_4
q_6	q_5	q_7
q_7	q_6	q_2

$$F = \{q_0, q_2, q_6\}.$$

Note: Next homework is on PDA.