Computer Science IV Final Exam Back paper
May 2017
Indian Statistical Institute

Answer the following - 25 marks each

1. Design an NFA for L = all strings over {0, 1} that have at least two consecutive 0's or 1's. Write the transition table. - 25 marks

2. Give the automaton for the following two grammar productions - 25 marks
   1. S -> 0S/1A/1
   2. A -> 0A/1A/0/1