Assignment Information

Maximum grade   20

Due date   October 6, 2004

Instructions   Textbook, pages 89-90
                  Problems:
                  3.1.1 b) and c)
                  3.1.2 b)
                  3.1.4 b) and c)

3.1.1

b) (0+1)*1(0+1) (0+1) (0+1) (0+1) (0+1) (0+1) (0+1) (0+1) (0+1)

c) (0+10)*(ε+1+11)(0+01)*

3.1.2

b) 1* + (1*01*01*01*01*)*

3.1.4

b) the set of all strings of 0's and 1's contain at least three consecutive 0's.

c) the set of all strings of 0's and 1's will never contain consecutive 1's before the last 0.