

## Seminar 6

### Expresii regulare

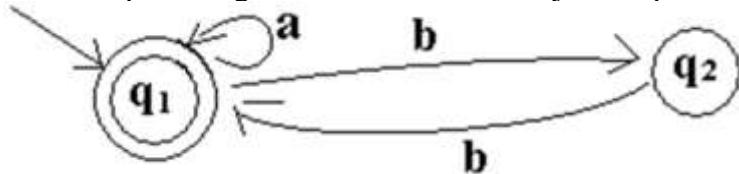
1. Precizati daca sevenetele ce urmeaza sunt elemente ale multimilor regulate reprezentate de expresiile regulate alaturate:

- |              |                      |
|--------------|----------------------|
| a) 01110111  | $(1*01)*(11+0)^*$    |
| b) 11100111  | $(1*0)^*+(0*11)$     |
| c) 1110011   | $(1*0)^*+(0*11)$     |
| d) 1110011   | $(1*0)^*(0*11)$      |
| e) 011100101 | $01*01*(11*0)^*$     |
| f) 1000011   | $(10^*+11)^*(0*1)^*$ |

2. Sa se construiasca AF care accepta limbajele specificate prin expresiile regulate:

- a)  $(01+1)^* 00 (0+1)^*$
- b)  $(1*0)^*+ 0*11$

3. Construiti expresia regulara care descrie limbajul acceptat de urmatorul automat



4. Construiti expresia regulara care descrie limbajul acceptat de urmatorul automat

