

Expressões regulares

Exercícios:

1) a) abba

abb

abbba

aabbab

bbbb

b) aabb

aaaaabbbb

aabbb

aaabbb

aaaabbbbb

c) 00

1111

01000100

11111111

11001100

2) a) ba^*

b) $(a+b)^*(aa+bb)$

c) $(b+ba)^*$

d) $(a+b)(abab)(a+b)$

e) $(a+\lambda)(b+ba)^*$

f) $ababa^*$

g) $(0+1)(0+1)(0+1)+1$

h) (0101010)+

3) a) ba*

b) (a|b)*(aa|bb)

c) (b|ba)*

d) (a|b)*abab(a|b)*

e) (a?|b)*

f) a*ba*ba*

g) (0|1)(0|1)(0|1)1+

h) (0101010)+

4) a) ((0[1-9])|(1[0-9])|(2[0-9])|(3[0-1]))/((0[1-9])|(1[0-2]))/[0-9]{4}

b) [0-2][0-3]:[0-5][0-9]

c) \+[0-9]{2} \([0-9]{2}\) 9[0-9]{4}-[0-9]{4}

5) a) ([0-9]{3}\.){2}[0-9]{3}-[0-9]{2}

b) .{1,}@.{1,}\.+.+

c) https?:\V.*\.(com|net|edu|gov|nom)\.brV?

d) [A-Za-z].{7}\. {3}