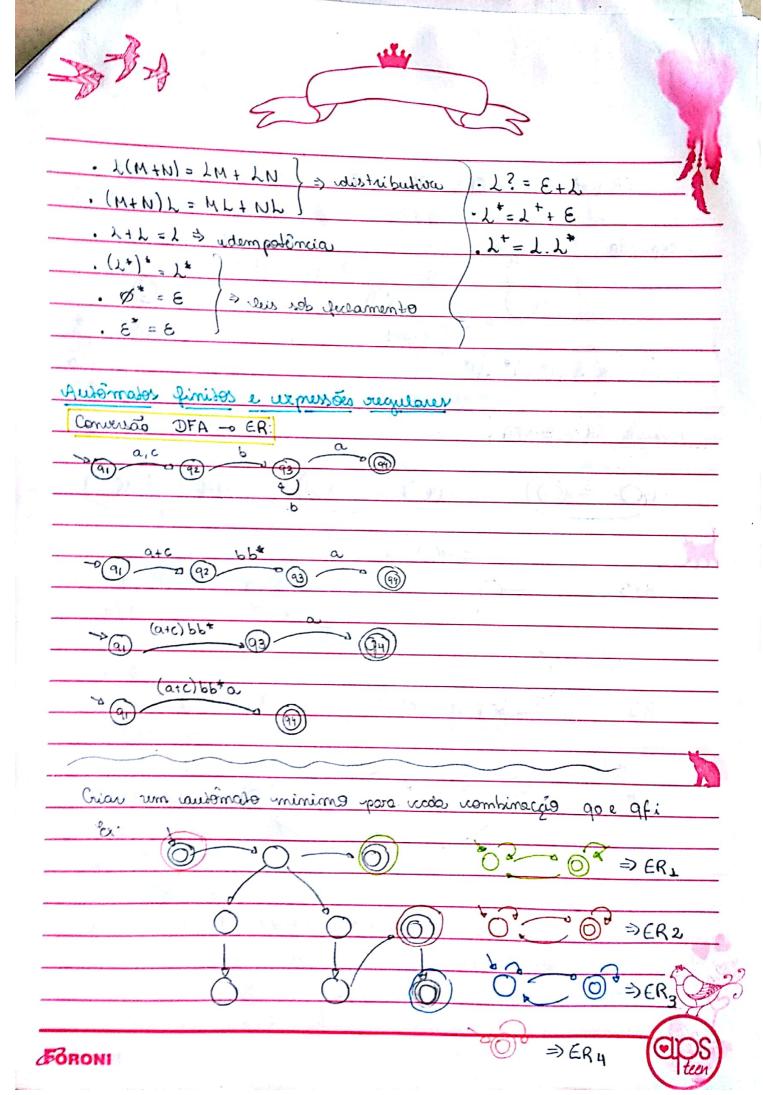
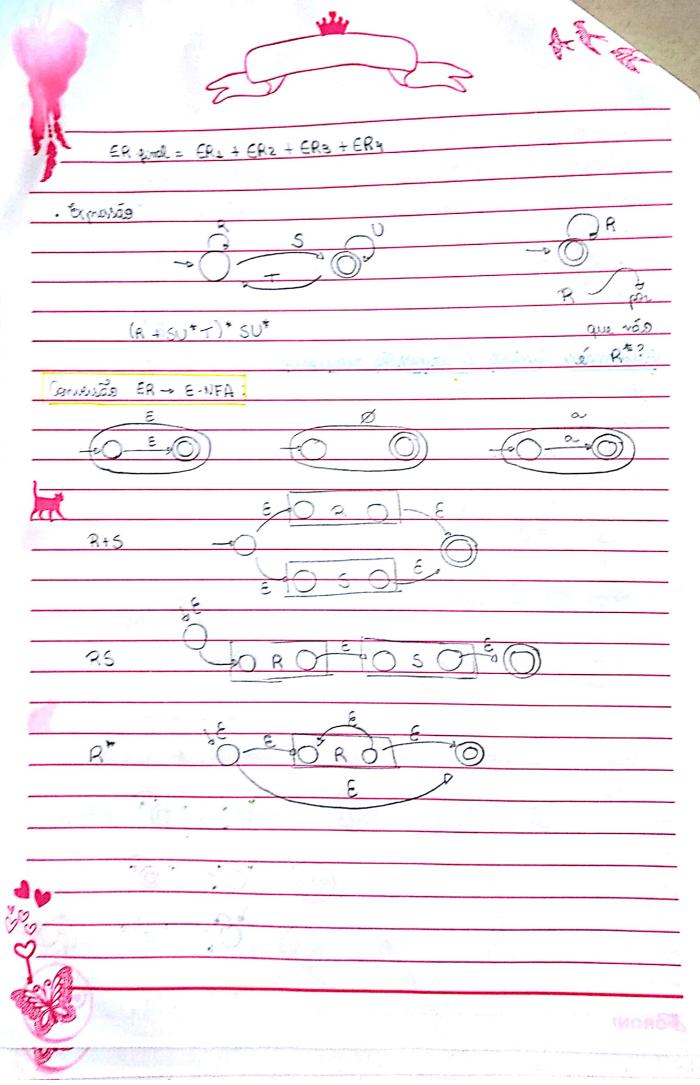


Essender reboling ino (= Q = QL = 1Q.











Exercícios
and the state of t

- D Exreve as expresses reculeur conespondentes (E = 10, 11):

  a) I w I w começa com um 1 e fermina com um 0!

  10, 101, 110, 1000, 1110, ...
  - 1. (0+1)\*.0
  - b) { w l w consern pelo memos bies 1x 1
    - 0,70,70,7(0+7),
  - c) fu le comprimente de us é une mérime s'
    - (3+2+0)(3+2+0)(3+2+0)(3+2+0)
    - 6 ve forse "ignola 5" vao teria os 8's
  - 1 L 3 W et ragmi Easirer dost /w/ (b. (3+L) \* ((L+O) 1)
- 2 Simplifique os expressões:
  - a) Ea(b1c) + aa E
    - a(b+c) + ca = a((b+c)+a) = a(b+c+a)
    - 10+ (((1+0)01 +10) +(1+3) Ø (d
      - Q + 01 = 01
    - c)(0+1+E) +01\*0+(E+0+1)+(E+0+1)
      - 0 \*10 + (2+0+3) = 0 \*10 + (2+0+3) + (2+0+3) + (2+0+3)
    - 9) 0 + 0TO
      - DE+010 = 0(E+10) =
    - e) abtb (ate)
      - $ab^{\dagger}b(a+\epsilon) = ab^{\dagger}(a+\epsilon)$
  - if) a+(b+c+&)a(b+c)+ca+ba
    - $\frac{\epsilon\alpha + (b+c+\epsilon)\alpha(b+c) + (c+b)\alpha = (\epsilon+c+b)\alpha + (b+c+\epsilon)\alpha(b+c)}{(b+c+\epsilon)\alpha(b+c)}$
    - = (b+c+E) aE+ (b+c+E)a (b+c) = (b+c+E)a(E+b+c)
      - = (b+c+E)a(b+c+E)

