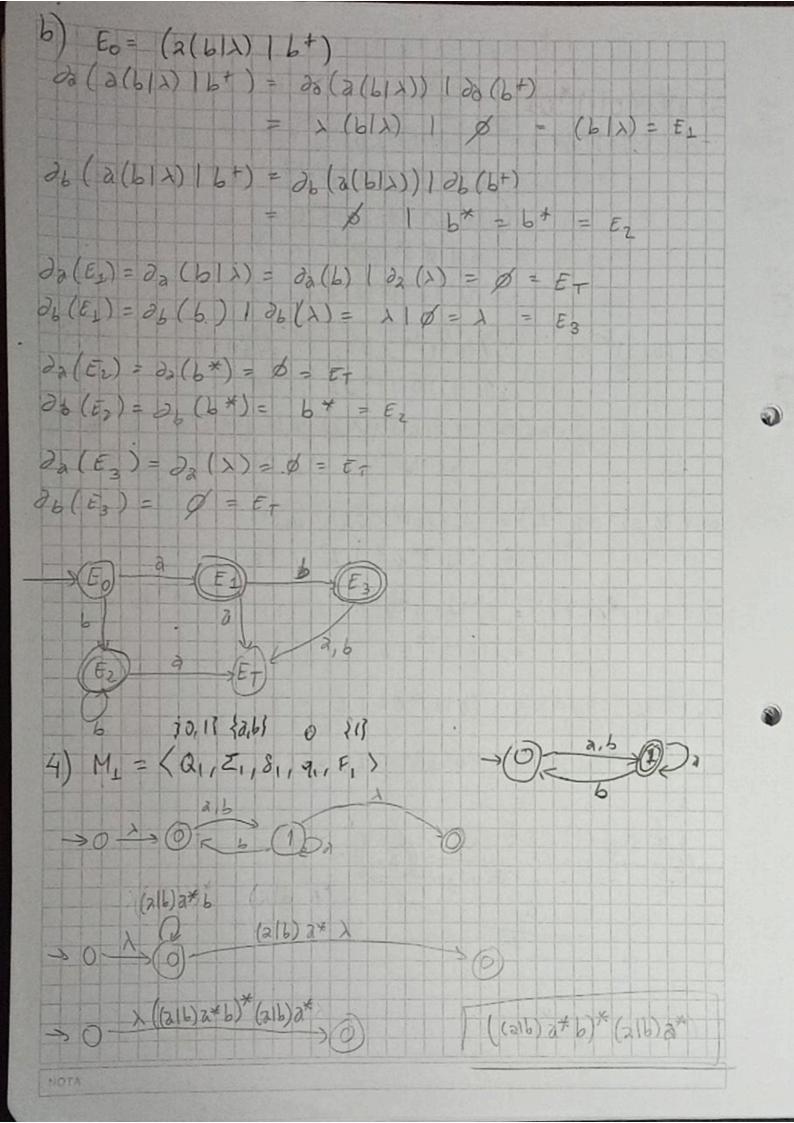
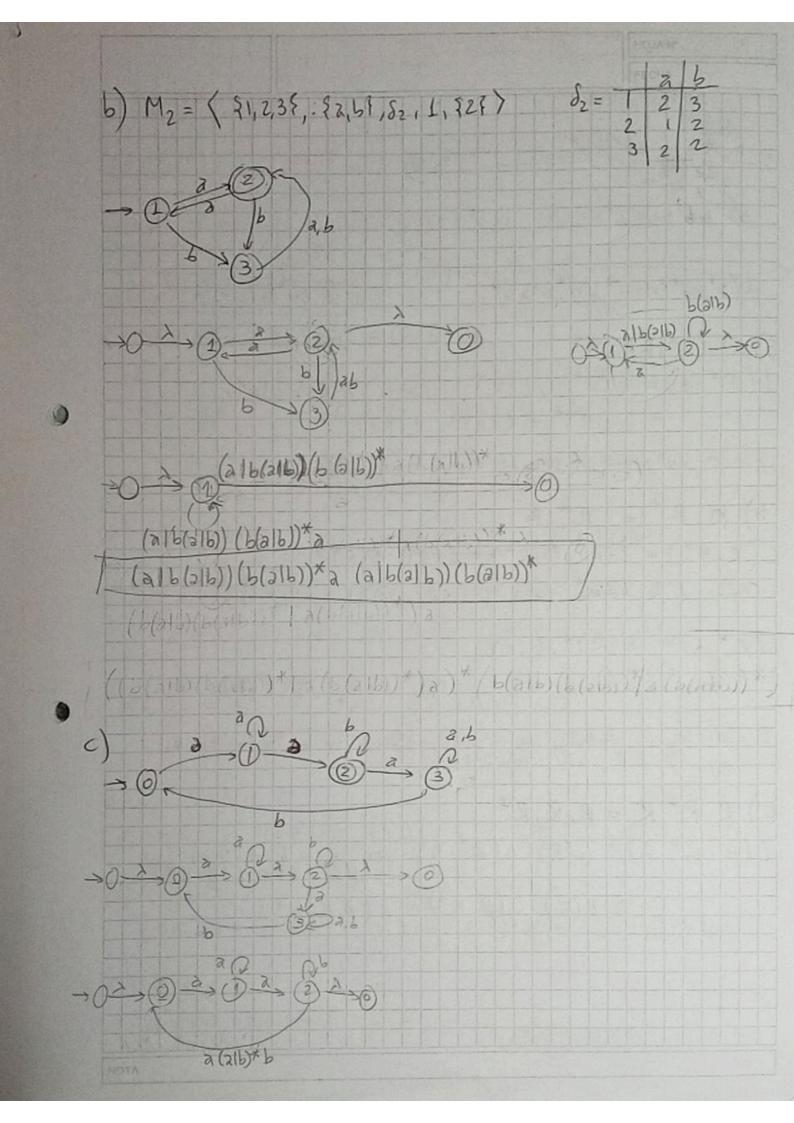
Proches 5 expressors regulars 1) Ei 1 practico 2) (00)\* a) Z= fo] de largitud por At(01\*0)\* 1\* 1 (01\*0 1)\* 6) Z = {0,15 cant par de 0 0) I = {0,13 cart upr to1 0×10\* (10\*10\*)\* a) Enfort out po and impar 1 E; 2 practice 2) 2= 20,13 a) Cadens que converter ion 010 010 (110)\* b) Caluss que terrirer can 010 (110) 010 a) contenga 000 (110)\* 000 (110)\* d) que is cartings. 000 e) que conteryo 000 Brachmerte una vez +) que no contemp subsaders our ni 010 (E; 3 process 2) 2) (21-1/2/41-121-) (21-12/A1-1201-191-)\* b) (+1-)(0-9)+ c) (+1-)(0--9)+ (0--9)+ (+1-1x)(0--a)+ d) (+1-)(0--9)+. (0--9)+ (+1-1x) (0--9)\* . (0--9)\* A) (+1-1x) (0-9)+ (0-9) = (+1-1x) (0-9)+

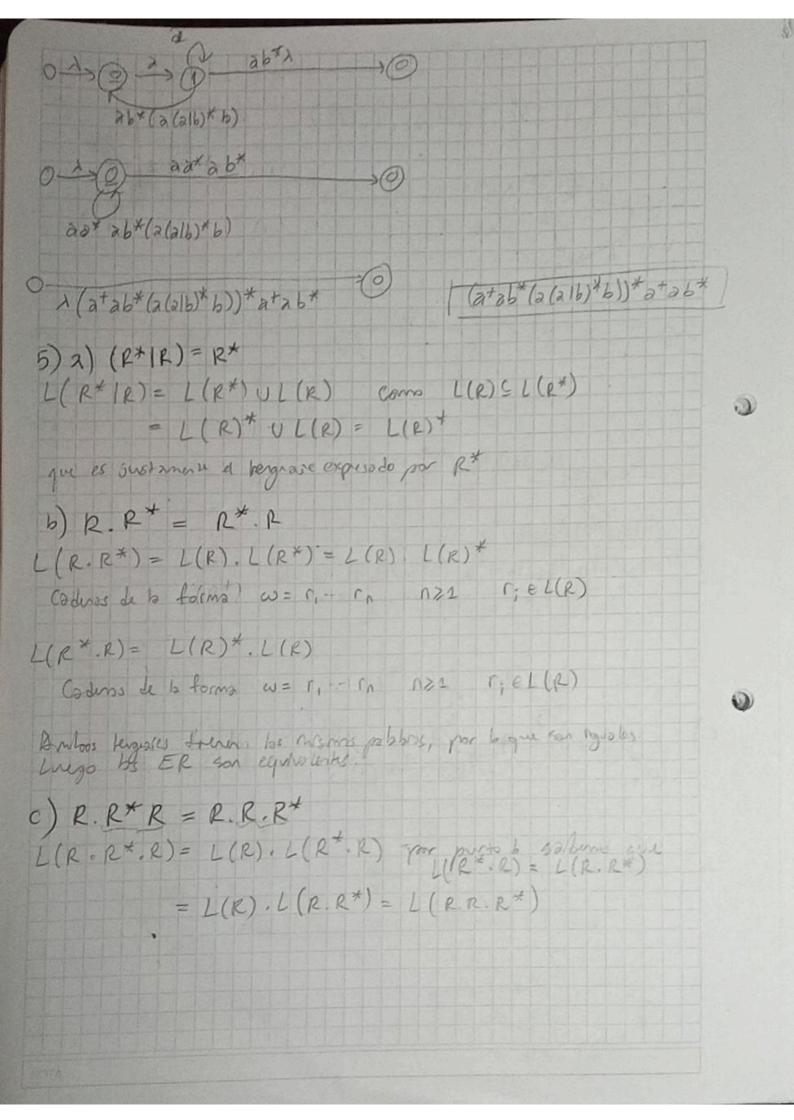
2) 2) 21 (10+1) = 01(1)0\*1 (1) 02 (0\*1) = 20\*1 1 0.010\*1 = 0\*11 \$ = 01 6) 20 00 (ab\* 120(c+) = 00(26\*) 10, (20) 10, (c+) = da(a) 6\* | da(a) a | da(c) c\* = 16 \* 1 xc | Ø.cx = 6 \* 1 c b) 20 (10\*1) = 20 (2).0\*1 | e(1).2(0\*1) = \$ - 0 1 1 \$ = \$ 1 \$ = \$ d) 8 2a (atb2) = 2a(at).ba (e(at).oalba) = 2a(2.ax).6a | Ø = 02(a). 2 . 62 16(a) 02(a+) . 62 = x 2 b 2 | d = 1 b a e) da (2\*bx) = da(2.2\*).ba | e(2\*) da(ba) = 20(a) 2\*.ba \ \ . 22(b). a = 2 x x 6 a 1 8 = 2 x 6 a f) d1 (d0 (0 (1/x) 11+)) = 01 (20(0 (1/x)) | 20 (1+)) = 81(80(0).(1/2) | 8) = 21 (X.(1/X)) = 21 (11x) = 21 (2) / 2. (x) = 2/6=2

3x(P) = P1 : L(P1) = a-1L(P

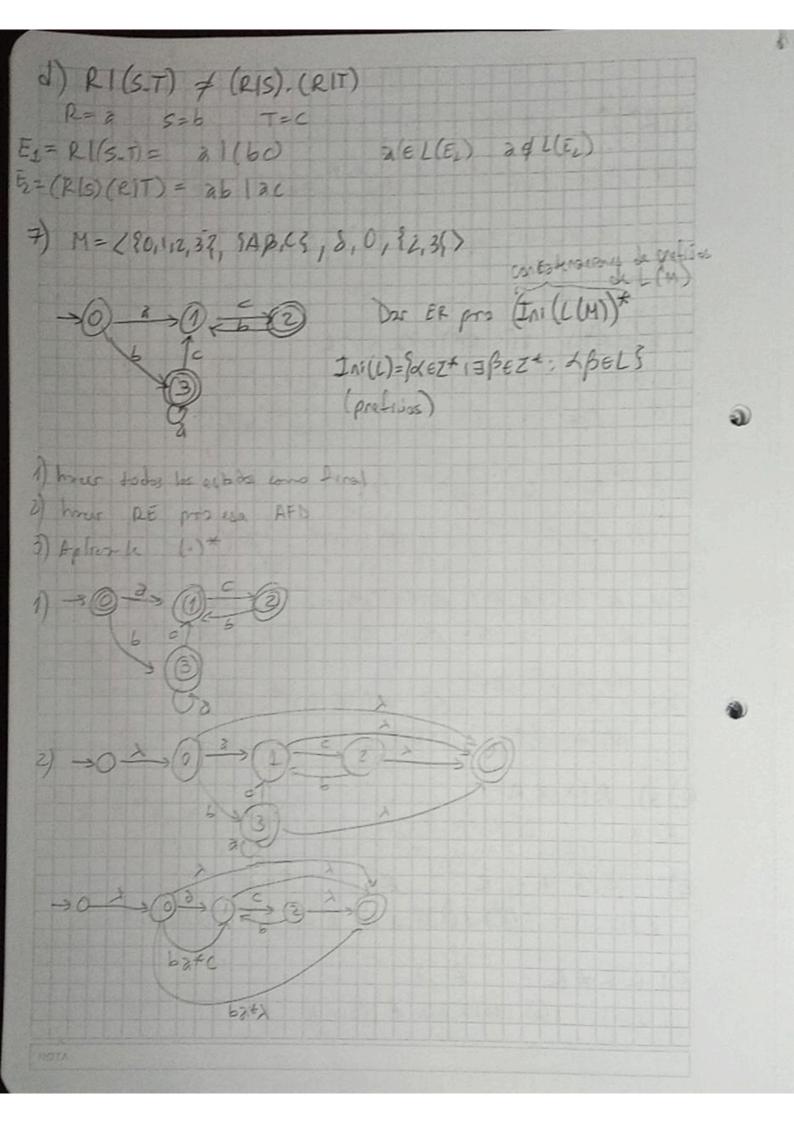
3) a) to=(0/1) \* 01 do((0/1)\*01) = ∂o((0/1)\*).01 ( ∈((0/1)\*) ∂o(01) = 20((011))(011)\* 01 \ \1 = (20(0) 1 20(1)) (011)\*01 = (x 1 d) 1011)\* 01 11 (011) + 01 1 1 = E1 02 ((011)\* 01) = 02 ((011)\*).01 1 02 (01) = 21((011)(011)\*01 1 0 = (02(0) 02(1))(011)\*01 x (01)\* 01 = (011)\*01 = E0 20 ((011)\*01 11) = 20 ((011)\*01) / 20(1) (011) \* 01 11 = E1 DI ((011)\*01 |1) = d1 ((1)) \* 01) | d1 (1) = (011)\*01 1 \ = E2 20 ((011)\*01 1x) = (011)\*01 1 1 = E1 2, ((011)\* 01 1 x) = (011)\* 01 = E.

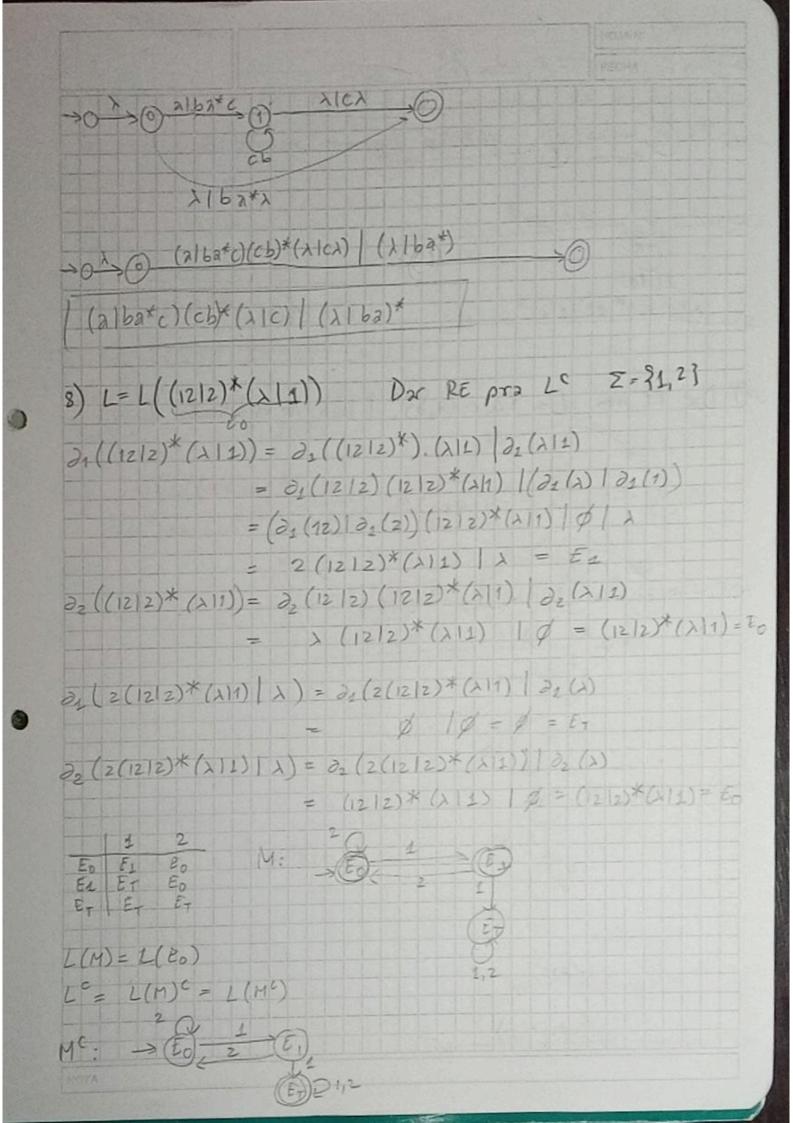


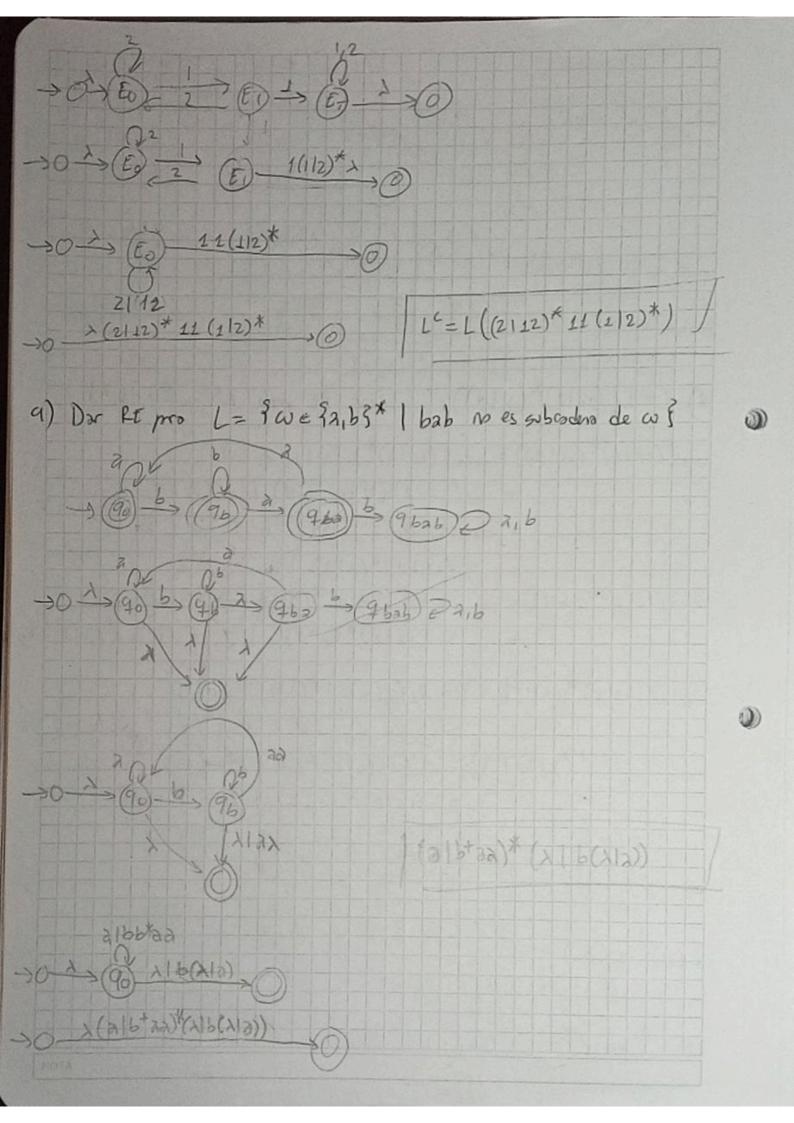




L((R\*)\*) = L(R\*)\* = (L(R)\*) \* = L(R)\* par es 10g luero el legisle asocrado o (PX) \* es L(R) \* que es el L(R\*) = L(R) x e) 8(5 PX) R(S PX = (R. S) X R 4(R(s,R)\*)= L(E)-L((S,R)\*)=L(P).(L(S).L(L))\* X= 8B YEL(F) BE(L(S) L(R))\* L(R/S) = (L(R).L(S)) .L(R) X' 8'8' 8'( (UF) L(s))\* - B'EL(E) Sup B= A - OREL((RS)\*R) Sp B ≠ A → B = B, -- B, n > 0 B; = B; B; BEELLO BEELLE  $\alpha = \underbrace{8.8182}_{E(L(R)L(S))} \underbrace{+ L(S)}_{E(L(R)L(S))} \underbrace{+ L(R)}_{E(L(R)L(S))} \underbrace{+ L(R)}_{E(L(R)L(S))}$ 6) a) R/X + R L(RU)- [2,2] L(R)= {29 b) R.S ≠ S.R R= N S= 8 L(R.S) = L(R). L(S) = a.b. + L(S.R) = L(S). L(R) = 6.9 C) R. R = R = 2 L(a, x) = L(a) - L(a) = 2.2 \$ L(a) = 2







(0) 2) Dodo RE E. Dar metodo pros obtrer RE de Ini(L(t)) los pretisos del lengiose expressão por E. Ini (Ø) = Ø In (x) = x Ini (a) = 3 pro codo ae E SI SYR ER Ini (R/S) = Ini (R) | Ini (S) Ini (R.S) = Ini (R) | R- Ini(S) JAI (R\*) = K\* INI(K) 6) Ini(L((a=166)\*1)= Ini ((aa 166) \*) = (a) 166) \* Ini (aa 166) = (22/56)\* (In (28) | Ini (16)) = (aa 166) x (a 12a) (6166)) = (aa 13b) \* (alaa 1616b) /