Joplin.

RE- NFA -> DFA DFA-REJULION

(3.9.1) DFA ~ RE rot 4.50%)

(State) = New RE, a sie post, RE LINFA = 104,-E-trems 200 jé vier 200 0 15/0 0 0 16/0 1

E-cbsvre (move (5,a)), RE, a sign she NFA il DFA Tiols +

(move(S,as) کی تریبار مایرقالوی بای کار مه در ۱۶ درای مورد (move(S,as) 1) 3/89 15 DFA) E-closure (MAM)

E/2 1918 39P1 BO DE NFA I DFA -101,28 30 100 -

(8) KL Sim-Ney. is & DFA -NO WI 25 1 2 21)

augmented RE) Joseph RE-Sjilv # Mil 17/8/5 E-chsone (aug mented RE = 10,2-(a1b) x b b# / # 13/8 M. J. RE 1) 163 -(1) or 1() Gt 525/12-The sold apply sold in the sold apply sold in the sold apply is a sold able (n)

Let a sold a nullable (n)= F in (e, = -1) = in, i d, n) nullable(n)=Tive= of of n) - $J(a) = T \sqrt{|b\rangle}$ $J(a) = T \sqrt{|b\rangle}$

R (المراح المر · ~ [(n 1/2) 12) ab \$13 (a|b)*c {1,2,3} (a/b)t {1,23 $(ab)^* \{1,2\}$ (alb)*c {3} 10 (8) = hp(41) ULP (2) $lp(\gamma) \leq lp(\gamma_1) \cup lp(\gamma_2) \qquad \gamma = \gamma_1 \mid \gamma_2 -1$ $null(r) = null(n) \text{ or } null(r_2)$ if (null(m)=T) $fp(r)=Rp(r_1)Ufp(r_2)$ $\begin{cases} r=r_1, r_2 \\ r=r_1, r_2 \end{cases}$ $e^{ise} fp(r) = fp(r_i)$ if $(\text{null}(\gamma_2) = T)$ $p(\gamma) = p(\gamma_1) U p(\gamma_2)$ else Ip(r)= lp(r2 $null(Y) = null(Y) and <math>nv \| (f_2) \|$ Rpa(r)= Ap (m) 7 $Ip(r) s Ip(r_1)$ $r = r_1 \times 3$ $NUN(r)=\overline{\ \ \ }$

In (=MRE 2016) 2/80/5 (Pollowpos (P) (P Norsh) Poblation 180/ 180/ 211 n= 0,02 -- anel(04) 201 - 1 j. L. j. L. j. lis Orker 9 Jim) ab* Rollpos(1) = {2} (a | b) c follpos (1) = {1,2,3} Follow pos Julio (120) pos (r,) ~ 52, 25 bop, 24 (r, r2) Gt node In 31-1 1)) 15 holl pos (p) 1) k pos(12) 350 506 Pp(r) = \$5206/62 LPOS(r) siles P = 2 L *node Ln jt -r در (م) دهم ااهم خرار دارند. J(x) (alb(c) * (cld) 1 - die (3)= | Shollpos(3)= {1,2,3,4,5} followpos (3) = {4,5} Lollo wps (3) = {1,2,3}

1-1-1 1 1 -1 -1 -1 1- 16/15 - 1011 pos , lp , hp , noll 2015-1 Livelpos (na) ociocherne historial 14 cherches - Marinal 14 cherches Dstates = { hirstp65 (na) { while (-> 1) states, So i viv = vues state) { for (REviel , a desp) { Corresponds to a U= U Rollowpos(p), for pES that if (U & Dstates) add i as an unmarked state to Dstates Dtroms [S,a] = U