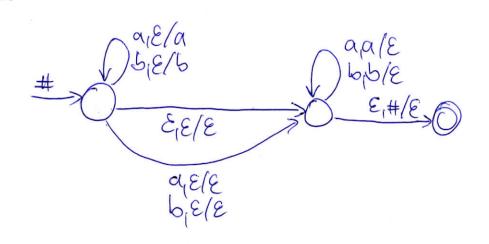
Zásobní Rave automaty $M = (Q, Z, T, J, q_0, 20, F)$ $EQ \in T$ $Q \times (Z \cup Z \in Z) \times T \xrightarrow{*} 2 Q \times T \xrightarrow{*}$ $VRA \cdot J : Q \times (Z \cup Z \in Z) \times T \xrightarrow{*} 2$ - Sestante RNZA prot Dyelin järgl typu 1, Skery lee popsal granahilan s pravidly S > [S] ISS 12 - Seslable (R) NZA prijuaja jazys generamy granalizary

s pravidly S > a Sa | 656 | a | 6 | E , y:

L= { WE Ear69# | W = WP 3. Vapri. abba e L
ababa



T = ZUEE,T,F3

Hèje dans best, gr. s providly to ExtIT Ede E je storberaer symbol. (a) Sesterbe ZA prijajar!
upprårdnemin zasobniku a nodelipa synt. analyru Gera deli (b) Sesterte DNZA modelyter syl zdola næbern på dang jaryl. $(\alpha) - Q = 2q3$ - Z = { +1+((,), i }

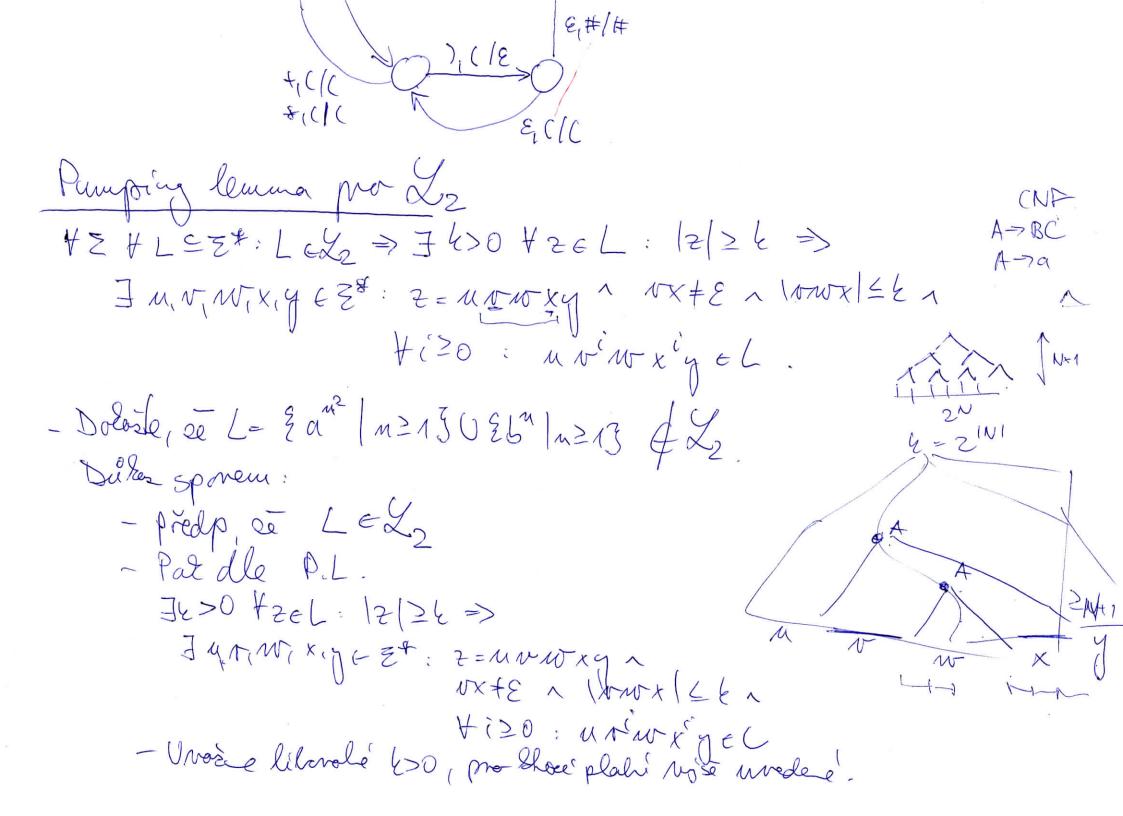
 $\delta(q, \epsilon, \epsilon) = \xi(q, \epsilon) \varepsilon$ predp. per methol zás. $\delta(q, \epsilon, (\epsilon)) = \xi(q, \epsilon) \varepsilon$ predp. per methol zás. $J(q_{1}E_{1}T+F)=J(q_{1}E_{1}F)=E(q_{1}T)$ reduce $J(q_i E_i E+T) - J(q_i E_i T) = {q_i E_i}$ - 90 = 9 - 20 = # - F= Er3 - sestoule a formálne papoiste alg. pro pranil jázylu Voterp: ZA M1 = (Q1, \(\Si\), \(\Ti_1\), \(\delta_1\), \(\delta_2\), \(\

Vojstep: ZA M= (Q,Z,T,J,go,Zo,F) Salonj, te L(M)= L(M) 1L(M2).

Helforda: 1. 1. $Q = Q_1 \times Q_2$ 2. $Z = Z_1 \cup Z_2$ [Lee will $Z = Z_1 \cap Z_2$] polend $Z_1 \cap Z_2 \neq \emptyset$) 4. J. Qx (ZUEE3) x T7 > 2 Q x T1 Led, 20 : a) tqn,q2 eQ, tq22eQ2ta62 t2eT tpeTit: ((q2,q2), 18) ET ((q2,q2), a, 2) () (9218) 6 01 (91, 912) 1 92 6 02 (97, a) b) + 9/19/26 R1 + 9/1926 R2 + 20 + 20 TT + JE TT + ((92,92), 1) E J ((99,93), E, Z) ((92, 19 ge) E J1 (91, E, 2) 1 912 = 92. 5- $q_0 = (q_0^1, q_0^2)$ 6. $z_0 = z_0^1$ 7. F = F1 x F2.

- Sestoule NRZA prijinepal jarys {ansmem | n≥13 pro == Eq. b. c] 9,8/8 9,8/8 9/3/2 48/8 48/8 a, E/E 8/8/8 5,8/E 9,8/8 6,E/E 9/3/2 9/32 Loatrola pornend Stednela porta Symboli a ab-C(E/E a a laa 9,E/a 8/8/3 6,6166 6,8/6 a,66/6 8,8/8 biaa la #a+ #b 9,6# 1# #a = #6 6, 9# 1# varianta Mse unedenelo pro Ha+#C Variante up se avedento #6 + #c no

Deterministide ras automay - NZA: J: Qx(ZUZEJ) xT→ 2 QxTi* tgeQ taez tzeT: (\daga (2) \le 1 \ \daga (q, \epsilon, \gamma) = \D $V\left(F(q,a,2)=x \wedge F(q,E,2)(\leq 1)\right)$ RNZA: J: Q x (ZUEEZ) XT# 52 QXT# RDZA: / tgeQ + x E ZUEEZ + y E TI*: (J(gn x, 2) / <1) 1 (tyea txe EUEE3 + 1, 12 eTix J(q,x, 1/2) + Q ~ D(q,x, 1/2) + Q 1 (toped tacz tfr. frend J(q,a, /2) +0 1 J(q, &, /2) +0 - Mejle granahilm s providly E>E+TIT toraci symbol. le (2) DZA prifaja' gåryl tela granalily +18/E 418/E (,8/(0,# /# 0,((()(#/# 3/3,+ 8/8/8 uedelenu. more spane |*\#\# +\#\# mo down 66/10 4)/#1 0,#/# 0,010



- Unose t = at EL, |at = 12 2 k a ledy Ju, v, w, x, g e z*: z = uvwxy , rxfe, lowx166, + i20: uvivxigel. - Ovase liberthe un wi xig t & balone de Z= uv m x y 1 m x f & love x | Ele n Hizo: uv w x gel. - Ovase i= 2 a zlomeje relieve uv w x y el: [uv w x g | = | no w x y | + | t x | = | z | + | t x | = - 1,2 + | m | Prila vive, Se: (a) $\sigma \times + \varepsilon$, tedy $|r \times| > 0$ (b) $|r \times \times| \leq \varepsilon$, tedy $|\sigma \times| \leq \varepsilon$. Tedy: $k^2 < |uv^2wx^2y| \leq k^2 + k < (k+1)^2 + k^2k+1$ $|uv^2wx^2y| \leq k^2 + k < (k+1)^2 + k^2k+1$ $|uv^2wx^2y| \leq k^2 + k < (k+1)^2 + k^2k+1$ $|uv^2wx^2y| \leq k^2 + k < (k+1)^2 + k^2k+1$ Tedy 12 < / 12 / 12 / 12 / 12 / 12 / 12 souraise all avouxque La Jedy luozuxque le pro To je spor nebol mou k a k+1 nem zadner dalsi privosené cislo l! (Vokenil k<l<k+1 klen)

O hosde 2 haslederjeich implituer roshednéte, zda plati. a) (+h,h;) a) L1,L2 EZ2 => L1UL2 EZ2 PLATI: budon-li La a Le representance hert gr. se Horlevaci sybey sia sz, skan tyto greatily "spidnolis" a derdal S-> S1(S2) K) Liezz 1 Link & L => Le & Z NEPLATI: passau zvolis Ln = 2 a 6 cm/ ---Le- 3. 9m 6mcm/--- 3 LIELS , LZEZZ => LIPLZEL NEPLAM: L2 = Eanborn | m=13 e L, L1 = {9,6,030 1 pour L, 1 L2 = 2 a b c 1 m = 1 3 d) Littin 1 betz => (Link) & Zz PLAM: Linke Fine &3