Odstranence E-providel (A>E) - rakland: Eustralie NE = É AEN | A = EP - rapriste alg., Elvry po danon gr. 6 nyporte NE. Votap: herrend. gramatita 6= (W,Z,P,S). Vychp: Ne= { AEN | A => E ( Motoda:  $1. N_{\tilde{\epsilon}} := 0$ ,  $\tilde{c} := 0$ 2. Ne = {AEN | 3 (A-X) eP : 3. jællise NE = NE, pat je mysledlem NE =: NE, pat i:= i+1 a prejde ena bool 2. - Mépule groualième Cs providly: S-> BC 1d B->D/bCdS

C-> f/E b-> C/aB. Odstrante algorithmics & providla.

Odstrone & previdla: S' -> SIE S -> BC/C/B/d b -> DI b Cd SI bd SI b Cd | bd B - Clabla Edl S' je navry storboraer symbol. Odstraneret jednerdueligt providel (A > B) - pro kardy AEN zoneder NA = {BEN/A \$BB}

- måslede pro + (B>X) EP: X &N > + AEN: BENA: - olg. po výpod NA: (idea): NA = & BEN 1 3 (C -> KBB) EP: KBENEN CENASUNA - odstroute sidnoducký providla z ruje rístane

1. Sporte NA (prida We to WE = ES'S) - NS: 253, NS: = 25,83, NS: = 25,8,B,C3 NSI = & S S B C D 3 = USI = USI - analogich réstane No = ES, B,C, D3 No = ECS NB-EBIDIC3 ND-EDIC3 2. provede e réprava providel: S'> EIBCIDI 6 COSI 60 SI 6 CODISTI ABIA S-> BCld/bCdS/bdS/bCd/bd/f/aBla B > 6CdS | 6dS | 6cd | 6d | aB | a | f D> aBla |f ropoisse alg. por deleti cylle or bert. gr. Volup: hod. gr. G= (V, E, P,S) Vyskip: AND, pokud 6 obsahuje cyslus, ji at NE.

1. Vypoèle e NE 2. Zovedene relaci & E N×N salaron, re

YA,BEN: ASB & 3 (A-) XBB) EP: X,BENE 3. Vypréte e Worshallorju alg. velaci 9t. a. ANO, je-li AEN. ASTA, jour NE. Leval returne ( A \$ AX pri e leve veturre: - odstrenom A -> Axy [ --- | Axu | By |--- | By A >> A Kin >> => A Xiz Xin => =) > Bjookizkin A > By | By | By A | --- | Bu A' A) -> X1 --- ( Xn A | --- | Xn A | - ulprion levon retursi prevode o na privon. - Odstrante levou velurzi z greatif s previdly: S-> Sa Ac 6 1. Odsho je prilou l. velurzi u S: S > Ac | b | Acs | 165 | A > 5d | f

>> Ac/6/Acs/168' A-

2. Prevede e nepril ou leron neturai u A na pril ou:

S > A c | b | AcS | bS | S > a | aS |

A > Acd | bod | AcS d | bS d | f

3. Odshow e pril on ler vet u A:

S -> A c | b | AcS | bS | S > a | aS |

A > bod | bS d | f | bdA | bS d A | fA |

A' > cd | cS d | cd A' | cS d A |

Prevod do GNF

- GNF: A -> ax, Ide + EN, a e Z, XEN\*
pripadie S -> E, Ide...

- Prevedle do GNF greabla s pavidly

A > BcC | d Da D

B > a B | Cd | f

C > b B | a

B > d D | c , Edo A & S. welen.

1. Odstravent E-providel a levé rekurse

- Udaném pripade netreba. 2. Vybudyère L E Nx N talond, 100 udyère Z - ... X X YX) EP pro X(YEN) \*
X X Y (S) F (NUZ) \*
XE(NUZ) \* & vajou pripade: A < B , B < C 3. Uprovde i na uplé usporadaní napr.: ALBLCLD h. Dronede e upora providel de L: D- aD/c C > bB/a B > aB | bBd | ad | h A > aBcC | bBdcC | adcC | fcC | dDaD 5. Odstre eteniály, Store nejsou levostre e. D -> dDlc 6-3 aB/6BD/ aD// D' >d C'>c A'>a A > aBC'C | bBD'C'C | aBC'C | fC'C | dD

- Sestable algoritus pro průmíž mad ZA a KA.

Votep: ZA F1 = (Q1, \(\beta\), \(\beta\), \(\delta\), \( ZA M= (Q,Z,T,J,J,90,20,F) Lalony, E L(M)-L(M))/L/M2). Meleda: 1. Q = Q1 × Q2. 2. 2 = 2, 12. 4. J: Q x (\(\frac{7}{2}\)U\(\frac{2}{6}\)\\\T \rightarrow 2 \alpha\(\ta\) \Interior \(\frac{1}{6}\). a) topique equ topique equ tae 5 tzett tjett. ((q2,q2),x) e J ((q1,q2),a,2) @ (92,7) e J, (91,0,2) , 92 e d2 (91,0) H) + grigz e Qn + grigz e Qz + zell + gellt: ((9/2,92),8) & J ((9/1,92), E, Z) & (9/1) & J, (9/1, E, Z) ~ 9/2=92.

5. 
$$q_0 = (q_0, q_2)$$
.  
6.  $z_0 = z_0$   
7.  $F = F_1 \times F_2$ .

Delepuduishide ZA

DZA ON QIE 182>

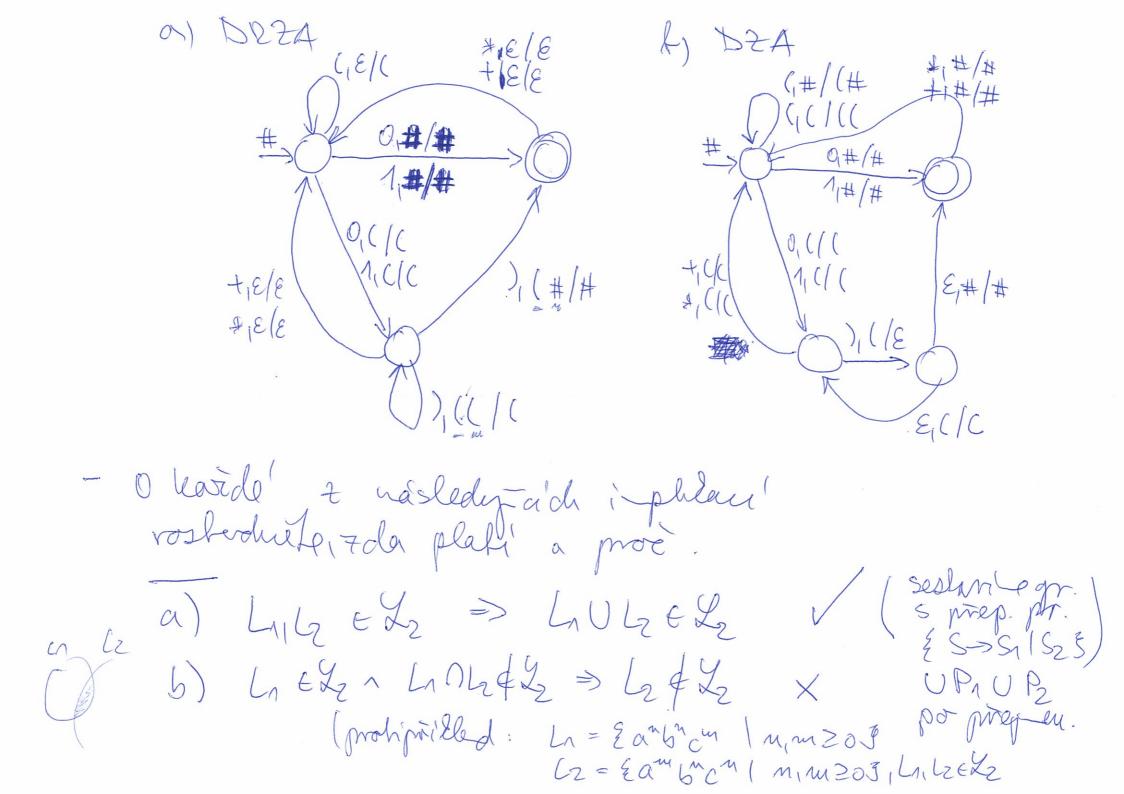
Q E, Z / H,

X12/81

- Mêre greable 6= ( & E, T, F 3, & +, +, 0, 19, P, E)

- Terre greable 6= ( & E, T, F 3, & +, +, 0, 19, P, E)

E > E+T | T T > T\*F | F F > 0 | 1 | (E). Sesharle DZZA a DZA por L(6).



Ln 1 Lz = € a 2 b 2 c 4 l m ≥ 03 € 2 C) L1 EL3 1 L2 EL2 > L1 1 L2 EL2 X (prohipridhed Lz = {2 anb c u | n > 09 = {29,503\* L1 - { a, 5, c3 + < 23 Lz = {an 6 m cm (n ≥ 13 = { a 4 6 m - 4/ --- 9 & 2 € Fig 1 L2 € 22 => L17 L2 € 42 idea dula su: - Ln ML2 & Fiy & L3 - L3 & worker vuci depliku. - Link E L3 E L2 - TATE EZ