Дефикиране "отрез на дума" a = a o a 1 ... a n - 1 alij = ai ati:j]={a;...am-1, i<j & m=min\{j, 1d]} ati; I = ati: 1217 1 cip. 24, 3anucuu EA4 23) at:i3 = alo:i3 3ag. Neua L-per. ezuu. Pou, re L,= 5d E 5 (3i) [d[:i] E L ] } eper. D-bo: L,= L. E+

gyma or esura "npogonneme" L, ⊆ L. €\*: neua WEL, Toraba Ji: WEIJEL Toraba w=dp, d∈L, n-npougl. => p < 2 \* u w < L . 2 \*

 $L. \leq^{\delta} \subseteq L_1$ 

LEL DES\* w=dp wra e, Te Keun WEL. E\* W[: KJEL Keua Id I= K. B Toralog WEL1 3ag- L-per., gou, re Voberu: 1) horato b geod. La ezun una ne pregunot  $p \Rightarrow q$  e goodho ga pazer. To wa  $p \Rightarrow q = 7p \cdot q = (p \Rightarrow q) \wedge (q \Rightarrow p)$ 2) Votato uname ubantopu + e ygooko ga pazinegame gorrenhermeto na Jezuluo u ga padotum coc I D-60: Lz = { LE & ( (+1) (+j) [ 1 > j \ Cij ] \ [ ] } [= {de & (3:)(3) [icj / L[i:j] e []} Cera, pazoro Haabane 3a erpyutypaiq va  $L_2$  corpos, 8 nouro una gyna or L  $L_2 = Z^*$ . L.  $Z^*$  u npouzbokku Zgymu

LIDLZ = {anbh/n EM} 3 , ue e por.

(nou ny Hga ro gouazbanie,

7. e. outo ne e ezun, pazrnengan
vo ynparnenne) WELIDLZ (=) W= d.BH H=[B(& LE FO)] (-) In: w= a484

5/ L1, 12 - per, to 2, Dl2 - Jezu? -ga D.60: pazrn. A1 (Z, Q1, 51, 51, F1) (DKA  $J_2(\Xi,Q_2,\Sigma,\delta_2,F_2)$   $L(J_1)=L_1,L(J_2)=L_2$ CTPOUM rpanatura 6=(V, Z, S, R) R: [P1,9,5 -> a [P2,92] B, d,[P1,9]=P2 Tf,523 > E fEFq 0(9216)=9,1 Sols, f], HeF2 D-bo: We nou, Te [p1,p2] \d[q1,q2]B =>  $\delta_{1}^{*}(p_{1},d)=q_{1} & \delta_{2}^{*}(q_{2},\beta)=p_{2} k|d=|\beta|$ Ung. no bucornnata na uzboga: =>) [P1, P2] 2 TP1, P2] = E[P1, P2] E u e b cuna, re 5, (p1, E)=p1, 5, (p2, E)=P2

U.C: n= K+1 2 = d1x 3=481 Tp1, P2] # d [91,92] 3 npegrogua cronua que unam [P1,P2] \ d1[q1,q2] \B1 =>  $S_{1}^{*}(\rho_{1}, J_{1}) = q_{1}^{1}$  u  $|J_{1}| = |B_{1}|$ ,  $S_{2}^{*}(q_{2}, B_{1}) = \rho_{2}$  u +.u. unane npexason  $S_{2}^{*}(q_{2}, B_{1}) = \rho_{2}$  (or geto. no reparaturator)  $[q_1, q_2] \rightarrow \times [q_1, q_2] y$ ,  $\delta_{\Lambda}(q_1, x) = q_1$ 02(g2,y)=92 TO 121x = 121 = 181 = 1814 [P1, P2] \ \ 2 [91, 92] \ =)  $\frac{\delta_{1}^{*}(\rho_{1}, \lambda)}{\delta_{2}^{*}(\rho_{2}, \beta)} = \delta_{1}(\delta_{1}^{*}(\rho_{1}, \lambda_{1}), \lambda) = \rho_{1}$   $\frac{\delta_{1}^{*}(\rho_{1}, \lambda)}{\delta_{2}^{*}(\rho_{2}, \beta)} = \delta_{2}^{*}(\delta_{2}(\rho_{2}, \beta), \beta_{1}) = \rho_{2}$ 

U.X. Leua e b cura 30 n=k

Cera uname, Te n∈L <=> p= 28, (d=181, d∈L1, B∈L2 (=)  $[s_1, f_2] \neq d[f_1, s_2] \in F_1, f_2*(s_2, g_1) \in F_2$  $C>S>[S_1,f_2] \stackrel{*}{\supset} \lambda [f_1,S_2] \rightarrow \lambda B$   $C>AB=n\in L(S)$ €2 dB=p ∈ L(9) (=) n∈ L(6) b) L1, L2 - Jezu, TO L1 DL2 - Jezu.? L1=&"6" | n ∈ N 3, L2= {c" of " | n ∈ N 3 L1 DL2 = \$ a B C d | n E N 3 Savaror. gouazbane