Abréce! betie / Shimbolumor velges memines Colmona(1) pc: $V_1 = \{a, b\}$ $V_2 = \{0, 1, ..., 9\}$ Stavar. V elemeité allé vojes sonotat pe: abs, abab, 10, E

570 Rossa /u/ = e(u)

u = ab C(u) = 2 $e_{a}(x) = \Lambda$ $e_{b}(u) = \Lambda$ e (E) =0

Kontatemoció: u,vEV*: uv

· e(uv) = e(u)+e(v)

· nem Commutativ (à Halo Sam): UV + VII

 $\mathbb{V} \in \mathbb{V}$ · asstaciatio: (nr) n=n(rm)

· egyse gelem: E UE = En

« Vª Lant a concertenocióna u, v∈V* uv, vu∈V*

Hat vanyoras ueva $V = \{a, b, c\}$ u = ab i = 2 $u' = u^2 = abab$ u' = c

1057570; U, VEV

y sid resissava v-mil, la v=u, y, u, Un - W prefixe uz - V saufixe u nelospavai : E,a,b,c,ab,ac,ba,... $V = \{a,b,c\}$ u prefixe: a, ab, E,... u= abac u saufixe : E, c, ac, Turondep un u= c cab V = {a,b,c} ~ 1 bacc · (w-1) = W $(\overline{u}^{-1})^{i} = (\overline{u}^{i})^{-1} \quad i \in \mathbb{N}$ Myelver: Vabelel, Layel LEV* β : $\sqrt{2}a,b,c$ $L_1 = \{abc,ab,ba\}$ $|L_1| = 3$ $L_2 = \{ ab^m a \mid m \ge 07 = \{ a, aba, aaba, ... \}$ \h_2\ = 00 Vaboce, L, L, L, EV. · Unid · Liulz = fulueliv nelz? · Metret: Linlz= {u/u=Linuelz} Ø: ines nyelv \$\phi \mu\test{E}

· Kiliansseg: Lille = {u/ueliru\$[2] · Romplementer: V-re néave: [,=V*/[, · Hatramy, L° = {E} 0 = (5) · Tterativ Cerant: L=ULi · Positiv Cradit L'= VL $V = \{a, 5, c\}$ pe: L, = Jab, alac ($L_2 = \{ab^m \mid m \in \mathbb{N}\}$ $L_6 = \{(ab)^m \mid m \geq 1\}$ $L_3 = \{u \in \{a,b\}^* \mid la(u) = lb(u)\}$ L4 = { u & {a,b} } | lb (u) mod 2 = 0} L5 = { E, ba}

$$\begin{array}{lll}
5 &=& \langle \mathcal{E}, ba \rangle \\
L_{1} &=& \langle ab^{m} | m \geq 1 \rangle \\
L_{2} &=& \langle ab^{m} | m \geq 1 \rangle \\
L_{3} &=& \langle aa, abb, aaba, ba, \dots \rangle
\end{array}$$

SNF (Backus-Nam Form)

[< munuber> := < digit > | < digit > < munder >

PRI MONI

PC, TOX L'aumbers > 2 digit > 4 mumbers > > 1 < mumbers -> -> 12 digit > 2 mmber > -> 10 < mmber > -> 10 < digit > > 101 Pr Kleif > = < tag> / <tag> + < Rif> \(\text{tag} \) \(\text{factor} > \(\text{factor} > \text{** \text{tag}} \) \(\text{factor} > \(\text{**} \) \(\text{factor} > \(\text{**} \) $\int \left(\left(\infty \right) \right) \int$ 4 feit > -> Ltag > -> Ltag > -> (< fix>) -> (< tog >) -> (2 factor >) -> ((2 kit >) -> ((2 factor >) ->

-> ((a)) \