$$\Sigma' - on pobut, \Sigma = \{60, 61, 62 \dots\}$$

 $\Sigma_{1}^{+} = \Sigma_{0}^{-} + \Sigma_{1}^{-} + \Sigma_{2}^{-} + \langle \cdot \cdot \cdot \rangle = \frac{1 - \Sigma_{1}^{-}}{1 - \Sigma_{1}^{-}}$

$$L - 9344 - 370$$
 Nadmurs Herecato Σ^* .
 $* - 38050a$ Knuvu

$$* - 38e50a$$
 Knum

 $\Sigma'' = \{ \mathcal{E}, 6_0, 6_1, ..., 6_06_0, 6_06_1, ..., 6_06_06_0... \}$

$$\Sigma'' = \{ \mathcal{E}_{3}, \Sigma' = \{ \mathcal{E}_{3}, \mathcal{E}_{3} = \{ \mathcal{E}_{3}, \mathcal{E}_{3}$$

$$\Sigma'^{*} - \Sigma' \times \Sigma'^{*} = 1 \Rightarrow \Sigma'^{*} = 1 + \Sigma' \times \Sigma'^{*}$$

$$\Sigma'^{*} = \{ \mathcal{E} \} + \Sigma' \times \Sigma'^{*}, \quad \mathcal{L} \in \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*}, \quad \mathcal{L} \in \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L} = \mathcal{L} = \mathcal{L} \} + \mathcal{L} \times \Sigma'^{*} = \{ \mathcal{L} = \mathcal{L}$$

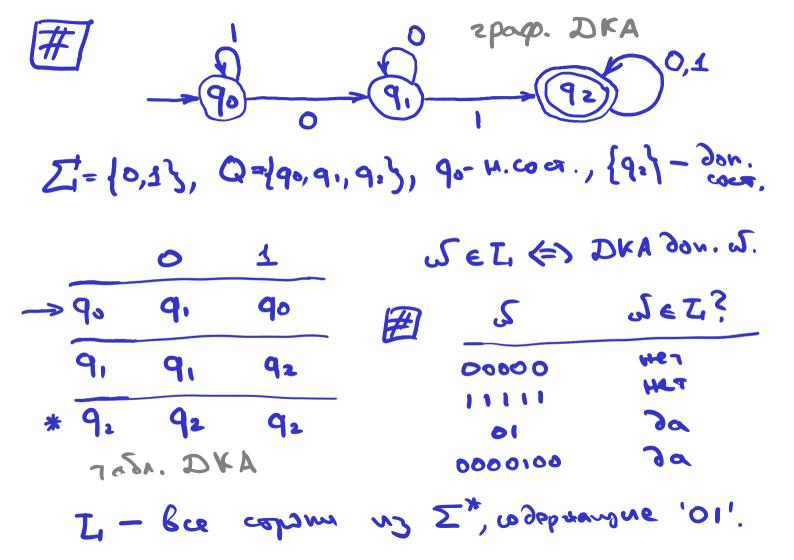
5- φ-us repexoda, δ:QxX->Q

Derephampolanum Konezumi abrowat 1. I - an goabut

1. 21 - an parison 2. Q-~n-60 cocrostiun 3. S:Q×ZI→Q- q-us repexoda

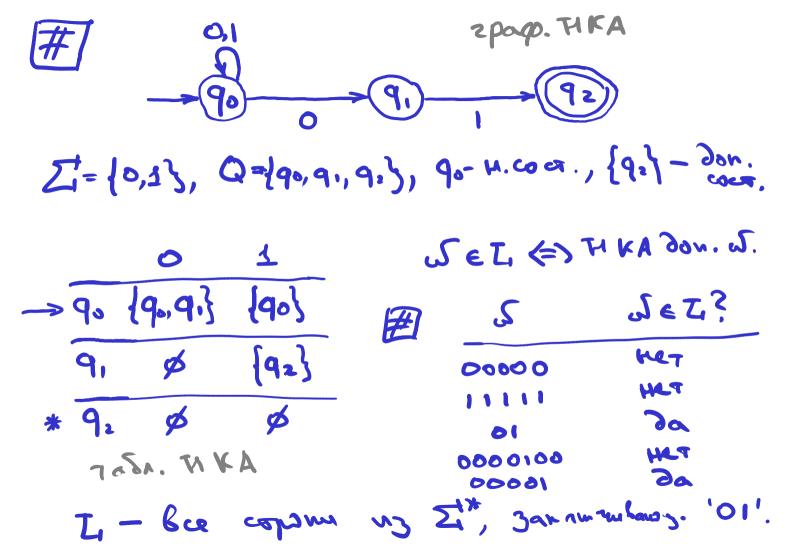
4. 9. EQ - 407. 40 coomme

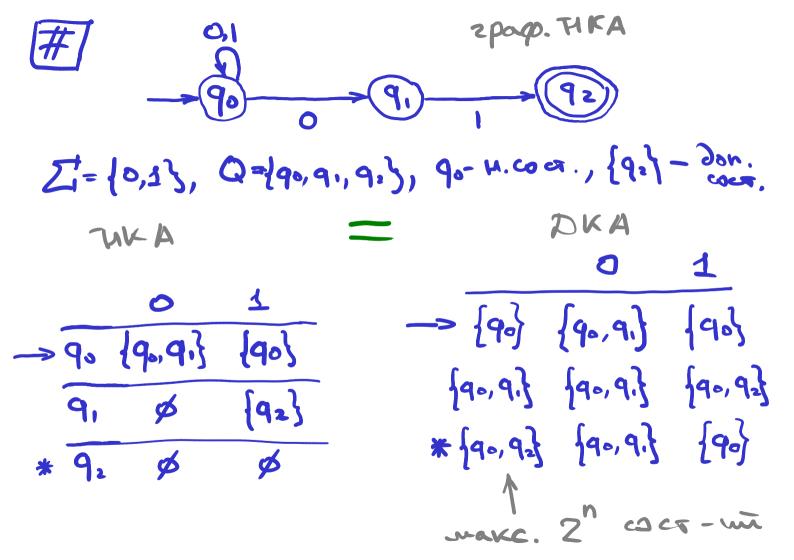
Lë Ø - gon. cocroamo

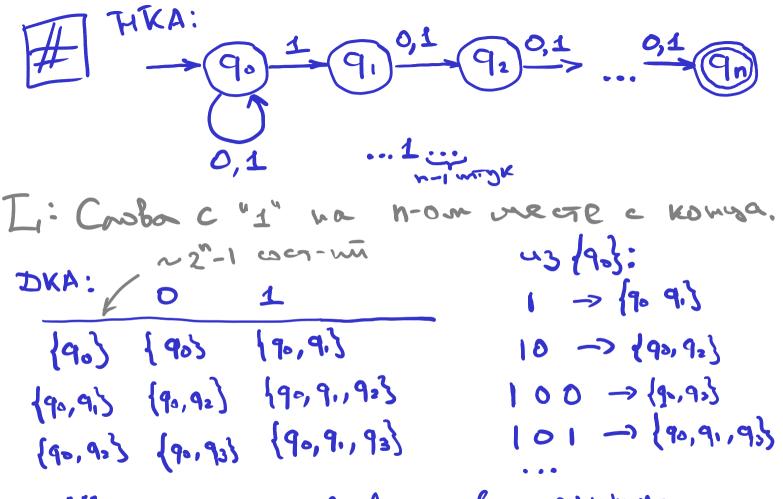


502502 Client established connection

Hederepmumpolanum konezum abrowat 1. I - an goabut 2. Q-mu-60 cocrosmun S:Q×ZI→P(Q) - qrus repexoda 9. EQ - WAT. as casomine FEQ - Don. cocrostus





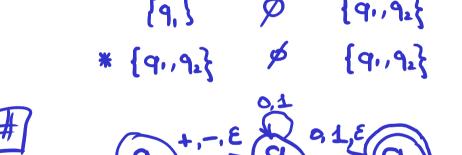


Coco. DKA work been boznownham crobam drumm do n GKA. E-TIKA

Op. E-TIKA - TIKA c E-nepexodamu.Op. E-nepexod - 3 TO wepexod marridge coct. Sez wasn. cumbonst. 0,1

Orp. E(q) - E-Jam. coerosmus q, 1000 E(q)={qil] mro no E-pëspan nj q b qi}

$$\frac{1}{4} = \frac{1}{4} = \frac{1$$



E(90)={90,91,92} $E(q_1) = \{q_1, q_2\}$ -> * E(90)= {90,91,92} {91,92} {91,92}

{91,92}

+, {}

* {9,,92}

DFA
DKA

NFA

E-NFA

DKA

Cu ans. Sume

Pezynaphike bispainemus (RE, regexp)

Tyuro Z-angoabut,
$$z_1, x_2 - RE_1$$
 rozda;

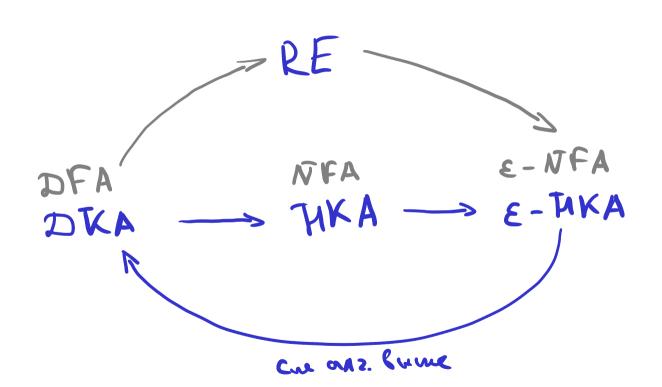
1. $\delta - RE_1$ zde $\delta \in \Sigma_1$, $\Sigma_1(\delta) = \{6\}$

2. $\{3 - RE_1, \ldots, \Sigma_n(\{1\}) = \{1\}\}$

3. $z_1, z_2 - RE_1, \ldots, \Sigma_n(\{1\}) = \{1\}$

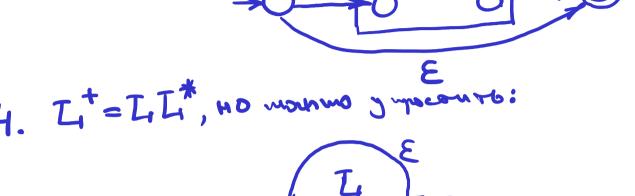
4. $z_1 \mid z_2 - RE_1, \ldots, \Sigma_n(\{1\}) = \{1\} \cup \{1\} \cup$

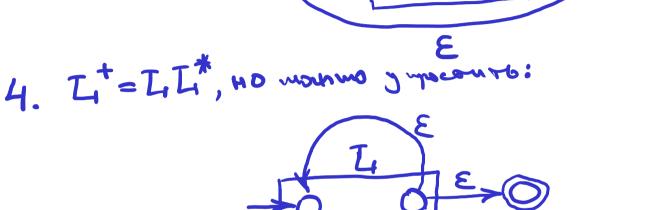
4. $\tau_1 | \tau_2 - REI$, $L(\tau_1|\tau_2) = \{ \omega | \omega \in L(\tau_1) \cup \omega \in L(\tau_1) \}$ 5. $\tau_1 * - REI$. $L(\tau_1^*) = \{ \omega_1 ... \omega_n | \bigcap_i \omega_i \in L(\tau_1) \}$ $\#(+|-|\{\})(0|1)(0|1)^*$ $\#(+|-|0|1)(0|1)^*$

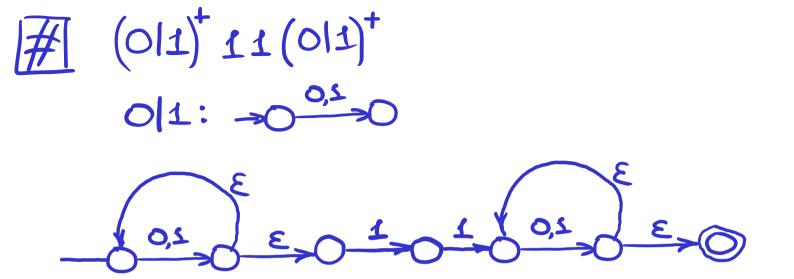


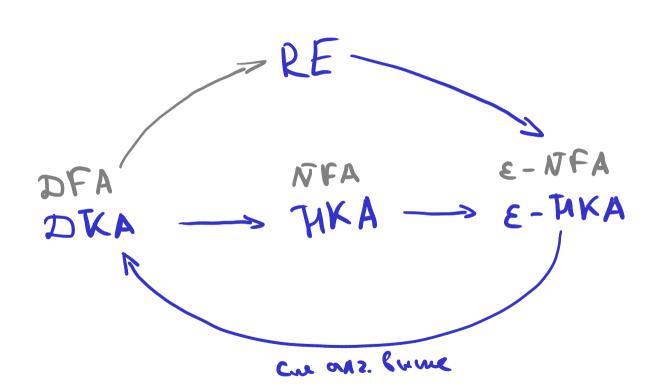
E-TIKA(E-NFA)

2. IM $\varepsilon = 0$ $\varepsilon = 0$ $\varepsilon = 0$

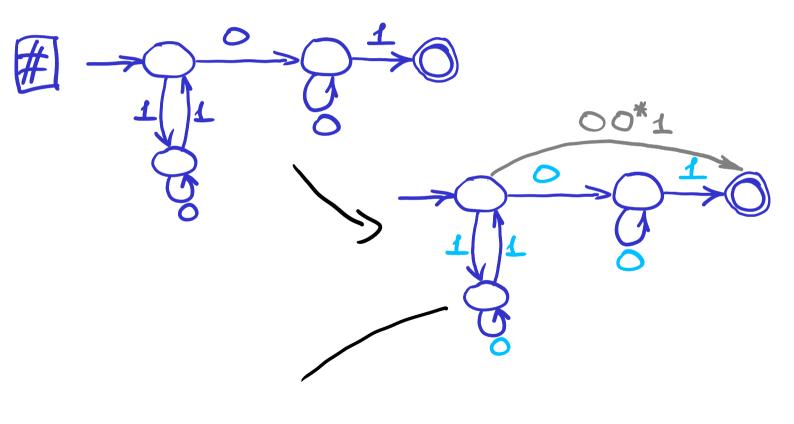


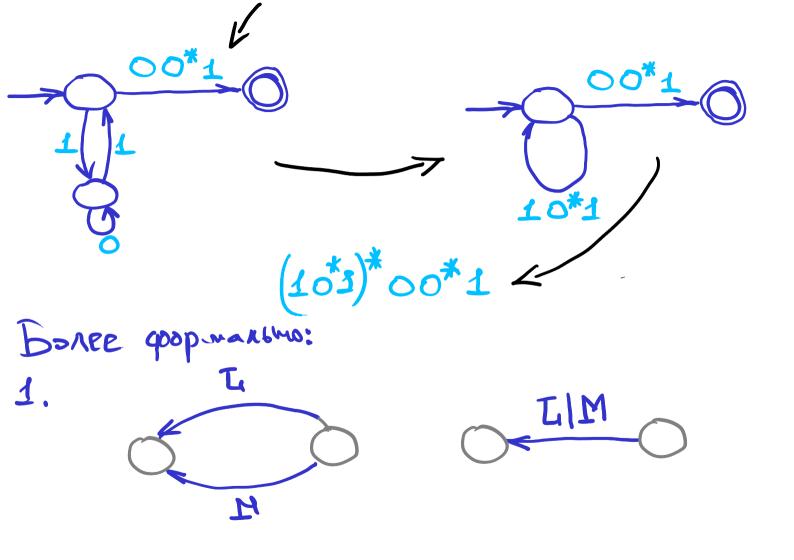


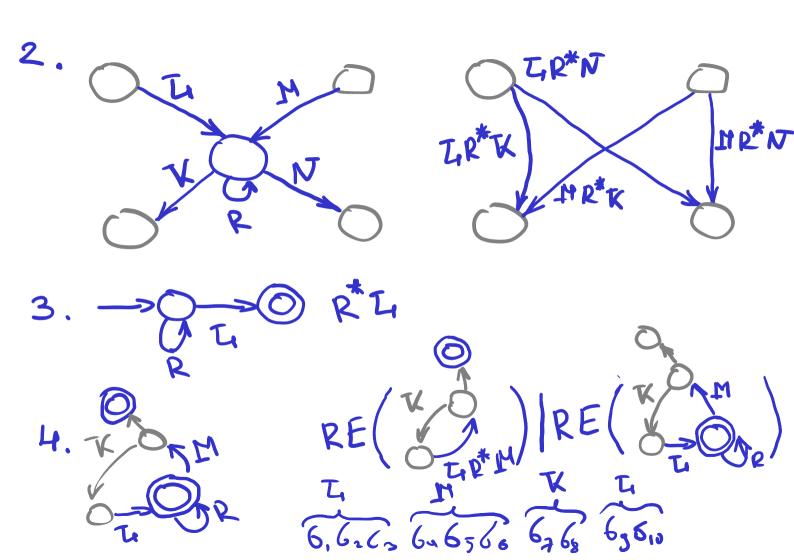


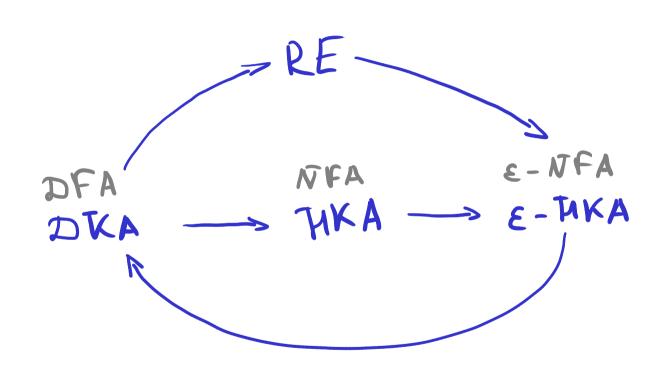


DKA(DFA) -> RE Arropurn (Ucknozenne cocosenni):









1. Konnyrarubuscab |: []H = MIL 2. Accordinations 1: Til(MIN)= (TIM)IN 3. Accordinations :: [(MN) = (IM) N めし ニューダーム 4. He impartments & & 1: 5. Frentparamers Eb.: EL = IE = I Ducapedymbno as: T (HIN)=(LH)|[N] (ロル)な=(アン)(かな)

 $L^*|\epsilon = L^*, \quad L^+|\epsilon = L^*$ (...)

Mycob II a M-pez. grunn, torda: 1. Obreduneme: LUM - pez. 93. T.K. REIRM - pez. bup., ecm Rei-RE. 2. Donomenue: I = Z"/L - pez. s. DKA: -00-70 (NFA) FTHO Q/F BUNDAUSET ORSPATINO " JONANUEN ". T.K. Zamera

CB-ba per. egunob.

3. Repecercenne: LIMM - PEZ. 23. T.K. LIMH = TUM.

4. Barnsame: II/H - PEZ. 03.
T.K. II/H = IUH

5. 3anurkanne Krunn:

Li*-pez.az.

T.*. (RE)*-RE, echi Ru-RE.

T.X. (RE) - RE, ELIOURGE

6. Komkatchagus: LiM - PED. 23.

7. Nepebodot: L² = {6,6,...6, | 6,6,...6, | ELi}

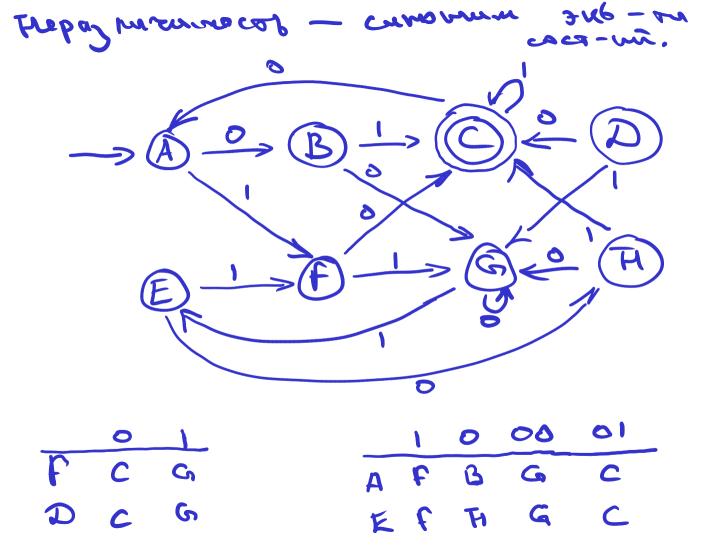
7. Nepebopor: L'= {6,6,...6, | 6,6,...6, | EL}

L'i-pez. 9). D/3: weny?

Nint: ucn. DRAL->E-HKA

Jepanent no coto cocosamina A 1 600,1 DKA: Zi-angoobur, Q-un-60, 5- nepex. qo-us, qo-vor. coct., F-sente don. $S:Q\times\Sigma\to Q$, $S:Q\times\Sigma^*\to Q$ \$ - somerance & Orp. Cocrosmus q; ~ q; - 3 kl., ecm $\hat{S}(q_i, \mathcal{L}) - \partial on. \iff \hat{S}(q_i, \mathcal{L}) - \partial on.$ T.E. L' nepebon. q; b don. TUTTK

es l'agrebodat. qu' l' Don.



3 Kbubanenthim PKA:

