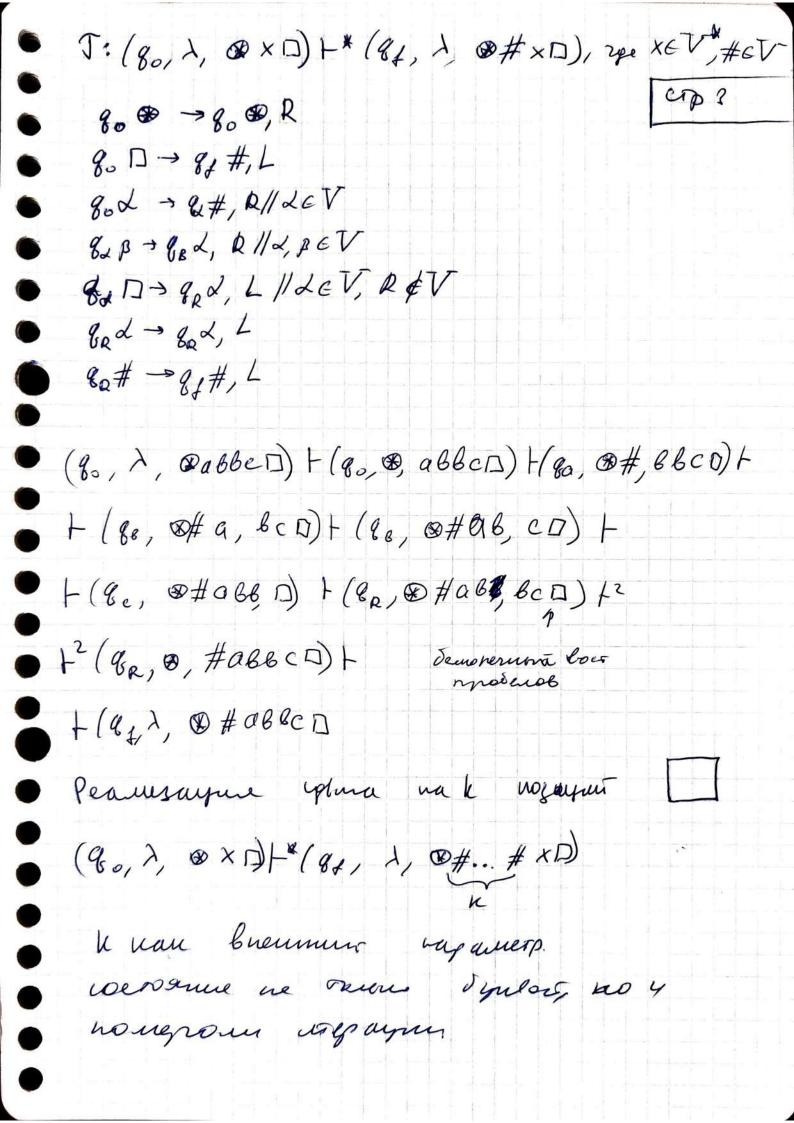
corp 1.

f(x)? { 1, earn aba  $E \times_{x} E \{q, b\}^{x}$  polno 1 pas

cop 2 (a, 1, ∞ D) + (8, ∞, D) + (82, H (82, 8, 17) + (81, 2, 80) 83 = 83 B (4) (43 = 84 = 85 eun ne blynn 86 (80, 2, @96abbba□) + (80, @, a 6abbba□) + +(4, 30a, babbba□) + (82, 00a6, abbban) + 1-(8, @abu, 666 a 1) 1- (ay, @abub, 68a 17) + 1-(80, @ababb, Bat) - (80, @ababb.b, ab) + +(83, @ababbba, □) + (4, @ababbb, aD) /... WHAT I (80, 2, & bababaaaa) + ... + (82, 00 bababa, aD) mu glumenum majag,



XEV\* #eV q. \$ → 80 \$, Q 80 #d -> 80 L, R, REV W #) go □ → g, □, L 8, # → 8, D, L 8, ® → 8, ®, S 8, d → 8, 1, L//L EV 8 B - 8 L//d, BEV 82# - 822, L //2EV gr & -> q &, S Q2# → 80 #, R (80, 1, ●## aBCD) + (80, ®, ##aBeD) } F (80, ®##aBC, □) + (81, ®## aB, C□)+ + (8c, ®##a, 6 □□) + (86, ®##, ac□□) + +(qa, ⊗#, #BCDD) +(82, 0, #aBCDD) + 1-180, of a Be 1) f(80, 0# a Bc, 1)+ + (8, 0 # ab, co) H(9c, @#a, BD) + +(80, 8\$, acD)+(80, 8, #BCD)+ H( QL, D), QaBCD) H(Q1, 2, sabeD)

+180,004, can) +2/80, 0, a#ca, D)+ Cop 6 H (80, @a#caB□) +2(80, @a,#caB□)+ + (Mgo, @ab, cabo) + (8c, @abt, abo) +2 + (8c, @a6#a6, D) + (8c, @a6#a, 6cD) + +2 (8c, @ab, #aBcD) + (80, @ abc, aBcD) + Copour na k nozurguni (g, ), (x)) H (go, ), (f... # x) V g. ® → g. ®, R 8. 1 → 8i+1 # R/1 = 0/2 8 K. 1 → 81 #, S 8, 2 -> gd #, R // i 20, K 82 B - 83 d, R 1120, R, L, BEV 8ª □ - 8º d, [ /1 20, 4-1 8i# - 8i+1 # R /1 i=0, K-1 82 0 -> 81d, S (80, 1, ØD) + (80, Ø, □) + (81, Ø#, □)

CPD. 7 go D - q. D, R 8. 1 - 8, #, R 8i 1 - Bin #, 2 / i= 1, K-1 • 8 n □ → 81 □, S(L) 80 d - 81 #, R 1/2 EV • q1 3 → q3 d, R / i=1, K / kp eV 8, 0 - 8id, L // = 1, K gid → qid, L // i=1, h 8 # → 8 c+1 #, R /1 i = 1, k-1 8i 2 → 8iH, R // i=1, K-1 8 # + ~ 81 #, S (8. 2, ®□) + (q., ®, □) + (q1, ®#, □) q (80, 6, 8D) - (80, 8, D) - (81, 8#, D) + + (82, 8##, D) + (81, 8 ##, D) K-ZK (80, 2, @aBCD) + (80, @, aBCD) + (80, 0#, 6CD) + +(8°, 0#α, c□)+(8°, 0#ab, □)+ + (81, 0 #a, 6 c □) + (91, 0 #, abc □) + + (41, 8, # abe ) + (42, 0#, abco)+ + (8°, 0##, 6c0) + (8°, 0##a, c0)+ +(82,01196,0)+(82,04#9,00)+ + (81, 0##, a Oca)+ (82 @#, #aBea)

$$f(x) = \begin{cases} \lambda, ear x \neq \lambda & u \text{ MEx polino 2 paya; } x \in V^*, \\ y_2 y_1(1) y_1(1) \dots y_n(n) \in V^{-1}, \\ x, ear x \neq \lambda & yn ne 6 nn \\ @, ear x \neq \lambda; @ \in V \end{cases}$$

## 
$$u \rightarrow u \qquad (1)$$

##  $\xi \rightarrow \xi \# \qquad (2)$ 

##  $\chi \rightarrow \chi \qquad (3)$ 

##  $\chi \rightarrow \chi \qquad (4)$ 

##  $\chi \rightarrow \chi \rightarrow \chi \qquad (4)$ 

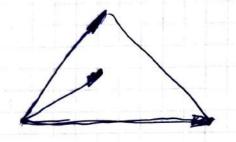
##  $\chi \rightarrow \chi \rightarrow \chi \qquad (4)$ 

##  $\chi \rightarrow \chi \rightarrow \chi$ 

f(x) ~ {1#x, em u ∈ x pobro 2 para; x ∈ V\*, u∈ V + (you). &4 -> O4 (1) 及美→ 美军 (4) & >4 (r) \$4 > 4/1) & 4(2) ... 4(K) // 2 4V (6) u - 4(1)\$4(2)...4(k) 1/8\$ V(1) - · O# (10) FL → L} // L ∈ {0,13 (1) L →· L# (2) X = a 6 9 X = ababagbata a\$babaabata ab\$ \$ aba aba | to aba & ba aba Fiv 1= a 6 a 6 a 8 a 6 a 6 a 0 a 6 a To T(1)

f(x) =  $\begin{cases} \lambda, \text{ easy } u \in x \neq \lambda, u \in V^{\dagger}, x \in V^{\dagger}(u - \text{com}) \\ x, \text{ easy } u \notin x \neq \lambda \end{cases}$   $\forall NV = \emptyset$ # 4 VUV L#, eum x21 4 24(11)4(2). 4(4) 471 qood of qoo, R 8. D → 8,#, L/1×2) 8.2 → 802, R //d + UI 8. 4(1) -> 81 utis, R 80 u(1) → q, u(1), & qu(i+1) → qi+1 4(i+1), R// i 21/k-1 Bud > gud, R/LEV 84 D → 8a D, L gr d → gr D, L//LGVUV 8p & > 0x 8, S 8cB→ BB, L// B±u(i+1), B≠II, ick Q 2 → g L, L// LEV 4 zababaa (kzs) q u(1) → qo u(1), R x zala lala a 8 80 D - 217, L. HARAGE 4:17 + 2D, L // i = 1/k-1  $rd \rightarrow 2d, L$ rd ord, L 2 0 - 84 8, S

(80, 1, @abo) + (80, @, abo) + (81, @, a, bo) + + (82,0000) + (2,00,80) + (2,0000) + (81,1,00000) GEMULAP N3 18.03.21 5 >#3 IZEV 600 - B#a6 Uzabu, v \_ Bab x 2 6 6 a 6 a 6 + # 6 6 a 6 a 6 + 6 # 6 a 6 a 6 + - BB Ba Bab + B B B B B B B # # + + 88 76+ BBV=2V+0> d & > & B & d, & e V (1) By-18 &, y, & e V (2) MADE (B-1) B & -1/2(1) (1) (2) (Pouble). lu) abca = a beapapBpcpad fiss to, abea BaaBBBCL to, abea aBaBBCLto,



to abcaapable abcaapable, abcaacpable, abcaacbalto abcaacbalto abcaacbalto, to abcaacbalto, to abcaacbalto, abcaacbalto, to abcaacbalto, abcaacbalto, to abcaacbalto,

1) m > n  $01^m \$ 01^n + (1) 01^{m-1} \$ 01^{n-1} + (1) 01^{m-n} \$ 0 + (1)$   $t_{13} = 01^m + n$ 

2) m ≤ n 01m \$ 01n \( \tau\_1 \) 0\$ 01n-m \( \tau\_2 \) 0\$ 0 \( \tau\_3 \) 0

Date

1) m>n 01m \$ 01n = 01m-n \$0 - [01m-ngo/3 050+.1

a) m Ln 01m \$ 01n = 0\$01n-m to 0\$0 1 n-m-1

F5, 089 (0)

Coporol nepabencióo,

1\$01-\$6 0501-059 1/9 \$ 10,13 01\$a -> 1 110-89

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a1 -3 a

 $\oint a \rightarrow .$ 

1)m7m

Ecu of Suf )

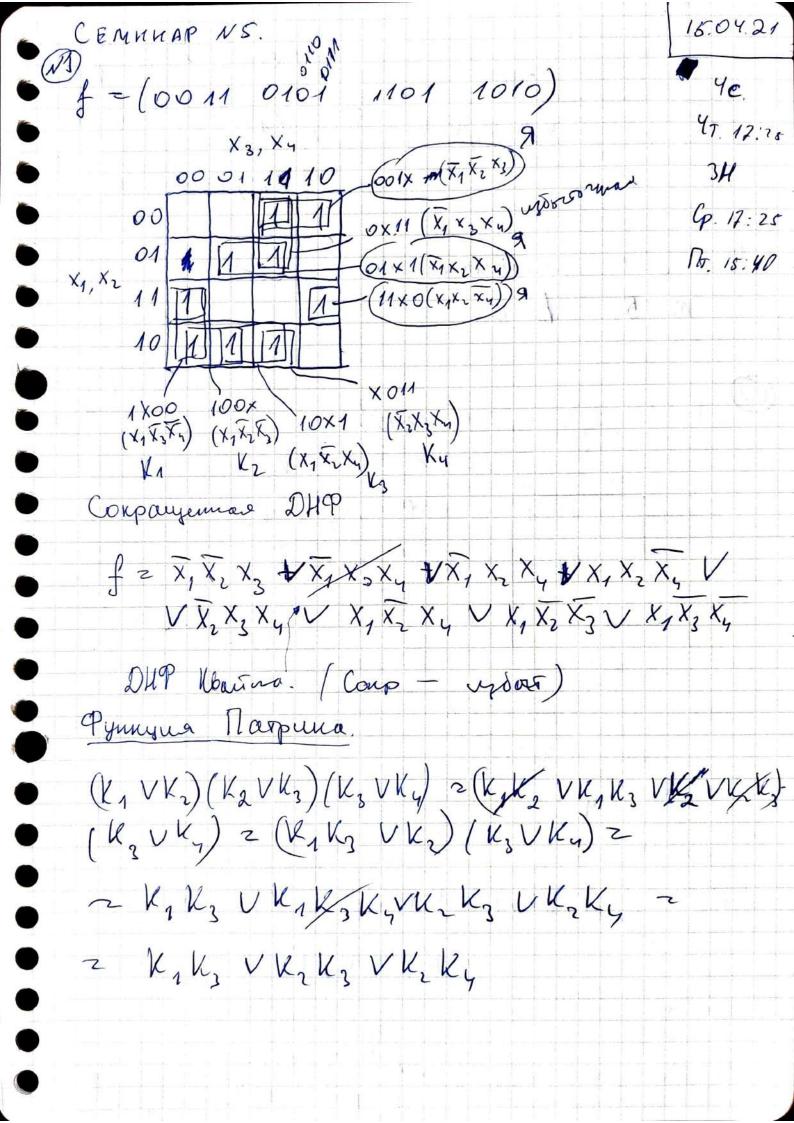
01 \$ 01 = 10 01 1 \$0 [4] 01m-n-160Em-

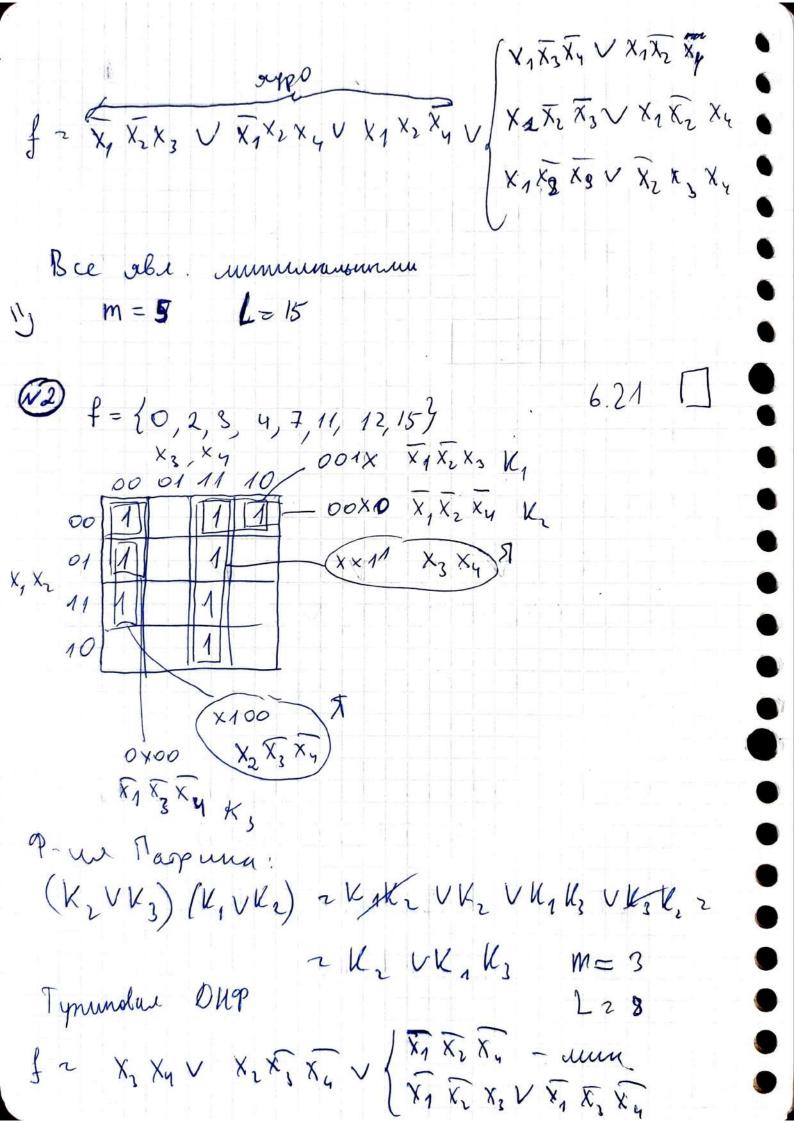
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| Pate .  |  |
| D -+    | (1) 2, B & V6  |
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| \$1 ->  | B (6) m>n [4] 1 2 [4]  |
| 21 ·    | $\beta$ $(f)$ $(g)$  |
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Campus





- $0^{2}g(1,0,0) = a_{1} \oplus a_{0} = a_{1} \oplus 1 \Rightarrow a_{1} = a_{1}$   $0^{2}g(0,1,0) = a_{2} \oplus a_{0} = a_{1} \oplus 1 \Rightarrow a_{1} = a_{1}$   $0^{2}g(0,1,0) = a_{2} \oplus a_{0} = a_{1} \oplus 1 \Rightarrow a_{1} = a_{1}$ 
  - 029(0,0,1)293@00Z 03@1=>0321
- 1 z g (1,1,0) = an @ an @ an @ an @ an = 0,0000
  - 029(1,0,1) ~ ans @ a1@ a3 @ 60 = 013 @ 120, 013 21
  - 0=g(0,1,1) = a23 @a20 a200= a23@1=>a21=1
    - - g = X, X3 @ X2 X3 @ X, @ X2 @X3 @1
  - f(x1, x2, b) = x, x
    - $x_1 \vee x_2 = f(\bar{x}_1, \bar{x}_2, 0)$ 
      - g (x, x, x) 2 x

- $g(\bar{x}, x, x) \geq 0$ 
  - 0 1 = g(0,0,0) = = g(g(g(x,x,x), x,x), x,x)

To T1 S M L

1 + + + + 
120 + - + +

1321 - + - +

1420 x 0 x 1 + + 1 - +

 $\int_{\mathcal{A}} \left( \overline{X}_{1}, \overline{X}_{1}, \overline{X}_{1} \right) = X_{1} \oplus X_{2} \oplus X_{3} \oplus 1.$   $\int_{\mathcal{A}} \left\{ \left( X_{1}, \overline{X}_{1}, \overline{X}_{2} \right) \right\} = X_{1} \oplus X_{2} \oplus X_{3} \oplus 1.$   $\int_{\mathcal{A}} \left\{ \left( X_{1}, \overline{X}_{1}, \overline{X}_{2} \right) \right\} = X_{1} \oplus X_{2} \oplus X_{3} \oplus 1.$   $\int_{\mathcal{A}} \left\{ \left( X_{1}, \overline{X}_{1}, \overline{X}_{2} \right) \right\} = X_{1} \oplus X_{2} \oplus X_{3} \oplus 1.$   $\int_{\mathcal{A}} \left\{ \left( X_{1}, \overline{X}_{1}, \overline{X}_{2} \right) \right\} = X_{1} \oplus X_{2} \oplus X_{3} \oplus 1.$   $\int_{\mathcal{A}} \left\{ \left( X_{1}, \overline{X}_{1}, \overline{X}_{2} \right) \right\} = X_{1} \oplus X_{2} \oplus X_{3} \oplus 1.$   $\int_{\mathcal{A}} \left\{ \left( X_{1}, \overline{X}_{1}, \overline{X}_{2} \right) \right\} = X_{1} \oplus X_{2} \oplus X_{3} \oplus X_$ 

 $\{f_1, f_2, f_4\} \subseteq T_6$   $\{f_1, f_2, f_3\} \subseteq H$ 

CEMULAPN7.

13.05.21

VHU

1. ¬ (A → ¬B) → ¬ C - run 2. m A - run  $\frac{A, 7B}{7(A \rightarrow B)}$ 3 B - run 77B- Ry, (3) 5. 7 (A → 7 B) - R8, (4) B:= 7B 7C - MP, (1) 4 (5) 7 (A - 7B) - 7C A, B H 7 C. no T. gegynerin: 7(A~-B) -> , C, A + B -> , C (B -> , C), Ryk no T gegynymii -(A-7B)-, 2C + A-77(B-,7C) MARINE STATES - (ρ→ (¬q v (285))) ε pe ¬s → ¬q 1. (p -> (79 V/285)) PPR75 - run (p - (78 V (285))) MP 133 - Cb, la nonrious = 778 + (225) 78 V(285) V - MP (2) (2)

7(r&s) - 7779 - RZ,(5) r & S → S - lb - Ba noushoppingue 75-> 7 (285) - R7, (7) 7 (285) - MP, (4)4(8) MM 7228-MP46) 4(4) 7 g - R3, K (10) (7y - (7x V/4-2))) = (7x Vy) 7× V4 = 77× 7 1. 7y -> (7 x Voly -> Z)) - run 77 X - run 3. -y -> -(y > 2) - R2 u (1) uty 4. (y -> 2) -> y - R6 (3) 5 7y → (y → 2) ~ cenb 5 6. 7(y-2) -> 224 - R2(5) 2 7y -> 27y - R1(8) 4(6) 2 774 - end (3) 9 7y = ayyyy R1 (7)(8/ yyy - y - respense - MP 940 M 7y - (7xv 7(y -7)), -7x+ 4 7y - (7xv7(4-2)) - 72x -> y

NORX 1 1XVY 2 77 X 74 - 2mr 2\_ -y - run 77 X - run 4.74 - (4 -772) - centos 5. 4 700 y - MP (11,0) 6. y - 12 - MP (2) 4 (4) 2 72 - MP, (5) u/6) 8. y 8 = = - B-12 mon (2) (5) y 8 -> 2 -> (y -> 2) - 5 copena. 7(y-2) -MP(2) ug/ 7 (A 1B) = A 8 -18 7 (A-B) - A2 2/CD 7 (A2-B) - 7/A-D) 77/A-3778) ARTB H ~ (A-18) - ~ ~ (A-18) + ~ (A8-18) NOTHT(X, M) -> 1/10 FUT (M, X)

((7(7×74) -(x8(4 v2)))=(xv4)