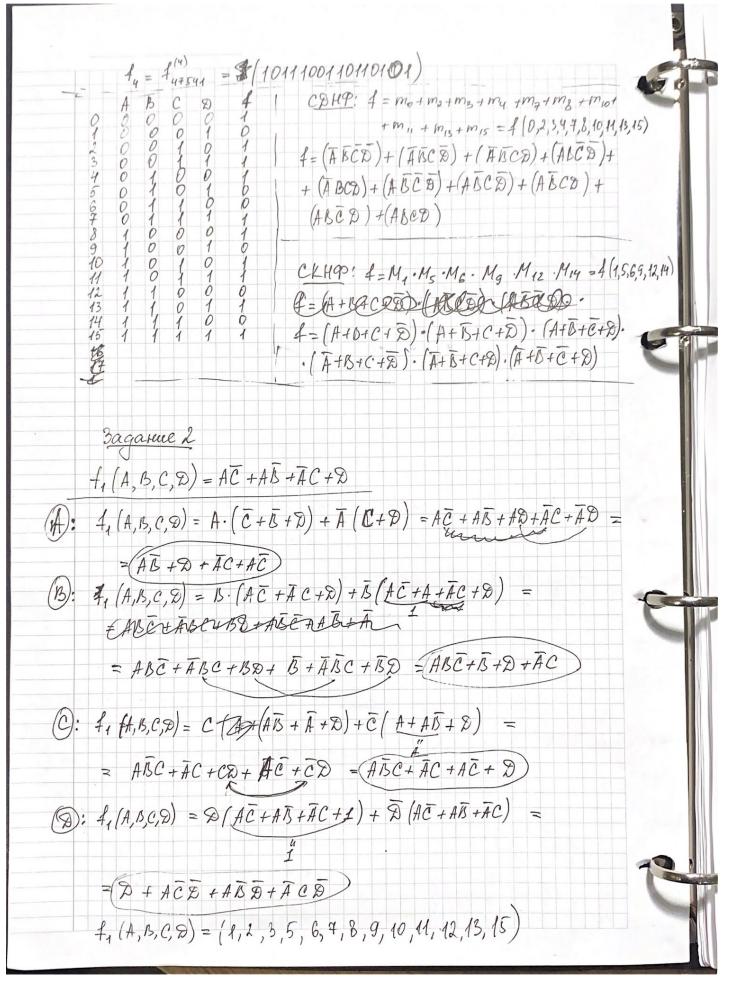
```
Задание
         f_1 = x \Leftrightarrow (y \downarrow \overline{z})
                                         X (4 ( 2)
           4 = m_{0} + m_{2} + m_{3} + m_{5} = 4(0, 2, 3, 5)
             4 = (\overline{x}\overline{y}\overline{z}) + (\overline{x}\overline{y}\overline{z}) + (\overline{x}\overline{y}\overline{z}) + (\overline{x}\overline{y}\overline{z}) + (\overline{x}\overline{y}\overline{z})
CKHP: 4= M, + My + M6 + M7 = + (1,4,6,7)
             42 = (10101001)
                             CEHP: 4=mo+m2+m4+m2 = f(0,2,4,7)
               f<sub>2</sub>
10
10
10
10
0
     B 0011001
A00001111
                                        a-(xy + f = (ABC)+(ABC)+(ABC)+(ABC)
                            CKHP! 4= M1.M3.M5.M6 = 4 (1,3,5,6)
                                        4= (A+B+C).(A+B+C).(A+B+C).(A+B+C)
        £3 €A,13,C,8) = A+13C+8
                                   CDHP: f= my + m3 + m5 + m6 + m3 + m8 + m9 + m0+
  C001100110011001
                                 + mu + mis + mis + min + mis = f(1,3,5,6,7,89,1011,

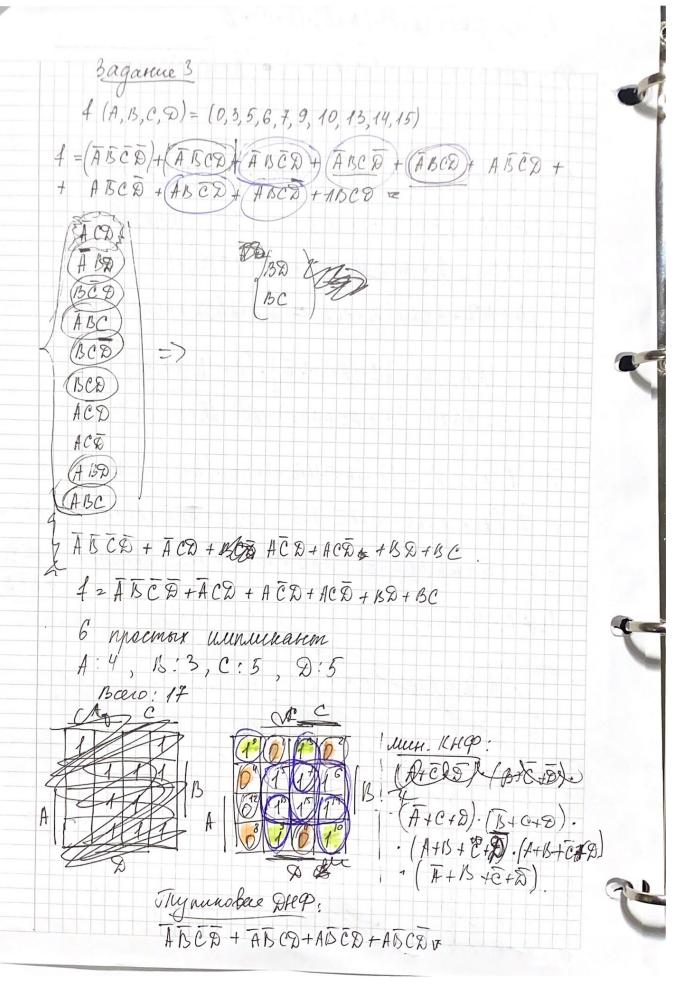
1 = (ABCD) + (ABCD) + (ABCD) + (ABCD) + (ABCD) +
                                  + (A B C E) +
                                   +(ABCD) + (ABCD)+(ABCD)
                                 CKHP: 4=Mo.M2.M4 - 1 (0,2,4)
                                       4 = (A+B+C+D)·(A+B+C+D)·(A+B+C+D)
```



42 (A,B,C,D)= (A+C)· (A+B)· (Ā+C)· D (A): $f_{2}(A,B,C,\mathfrak{D}) = (A + (\overline{C} \cdot \overline{B} \cdot \overline{D})) + (\overline{A} + (C \cdot \overline{D}))$ $= (A + BCB) \cdot (\overline{A} + CD) + (\overline{A}BCD + ACD)$ $= (B + (A + \overline{C})(\overline{A} + C)D) \cdot (\overline{B} + (A + \overline{C}) \cdot A \cdot C \cdot D) = \overline{B} + \overline{B}D = \overline{B}$ = (B + 8).(B + ACO) = (B + (AC + AC) 8).(B+ ACO) = $= (B + ACD + \overline{A} \overline{C}D)(\overline{B} + ACD) = (A\overline{B}CD + \overline{A}\overline{B}CD + ABCD + ACD)$ $(C): f_{2}(A, B, C, D) = (C + (A + \overline{B}) \cdot \overline{A} \cdot D) \cdot (\overline{C} + (A \cdot (A + \overline{B}) \cdot D)) =$ $= (C + \overline{A}\overline{B}\overline{D}) \cdot (\overline{C} + AD + A\overline{B}D) = (A\overline{C}D + A\overline{B}CD + \overline{A}\overline{B}\overline{C}D) + A\overline{B}\overline{C}D + A\overline{B}\overline{C}D$ = D. (D+ (A+AB+AC+BC) (A+C)) - D. (D+ABC+AC+ABC+AC+BC) = = D. (D+TES (ACE PAR + ABC + AC+ ABE+BC)-(ABCD+ ACD+ABCD+

1. (A,B,C,D) = (0,2,3,4,5,6,7,8,11,12,14,15)

+BCD



Thynundes (A+B+C+B). (A+B+C+B). (A+B+C+B)+(A+B+C+B)

