1.2 Flormpoerene namerana merankuna Syntanos Temerul NI Thadu urmuniormu f. X, X2 X3 X4  $f(0,0,0,0) = \mathring{a}_{0} = 0$ 0 0 0 0 f(0,0,0, 1) = a & ay = 0 0001 0  $f(0,0,1,0) = \hat{a}_0 \mathcal{D} \hat{a}_3 = 0$ 0 0 1 0 f 10,0,1,1) = a, P a, pa, +a, =0 0 0 9 1 1 f(0,1,0,0) = ao A a=0 0100 0 00101 1000  $f(1,0,0,0) = a_0 \oplus a_1 = 0$   $f(1,0,0,1) = a_0 \oplus a_0 \oplus a_{11} = 0$   $f(1,0,0,1) = a_0 \oplus a_0 \oplus a_{11} = 0$ 1001 0 1010 1011  $f(1,1,0,0) = \alpha_0 \alpha_{12} \oplus \alpha_1 \oplus \alpha_2 = 0$   $f(1,1,0,1) = \alpha_0 \oplus \alpha_1 \oplus \alpha_2 \oplus \alpha_3 \oplus \alpha_1 \oplus \alpha_2 \oplus \alpha_2 \oplus \alpha_2 \oplus \alpha_2 \oplus \alpha_2 \oplus \alpha_3 \oplus \alpha_2 \oplus \alpha_3 \oplus \alpha_3 \oplus \alpha_2 \oplus \alpha_3 \oplus \alpha_3 \oplus \alpha_3 \oplus \alpha_2 \oplus \alpha_3 \oplus \alpha_$ 1100 1101 f(1,1,1,1)= \angle a, \ta, \alpha\_2 \ta, \ta, \alpha\_3 \ta, \alpha\_4 \ta, \alpha\_1 \ta, \alpha\_1 \ta, \alpha\_1 \ta, \alpha\_2 \ta 1111 t- x1 x2 x a x2 xy A x3 x3 - nouseau f=X, ex, ex, A X, Xy O X2 OX3 Xy 0 9 0 0 1 1 0 0 900111 1 0 1 0 1 0 0 1 1 1 0 1 1 0 0 1 0

f=(x, vx) 1(x3 vx4)  $X_{2}$   $X_{3}$   $X_{4}$ X, VX X3 VX, 0 0 0 0 0 0 0 0 9 9 a 0 1 0 0 1 0 9 1 1 1 1 0 0 0 1 0 1 9 0 1 1 1 0 0 1 1 0 t (0,0,e,0) = a0 =0 f(0,001) = a0 # 2 =0  $f(0,0,1,0) = \hat{u}_0 \oplus \hat{u}_3 = 0$  $f(0,0,1,1) = \hat{a}_0 \oplus \hat{a}_3 \oplus \hat{a}_4 \oplus \hat{a}_3 = 0$   $f(0,1,0,0) = \hat{a}_0 \oplus \hat{a}_2 = 0$   $f(0,1,0,1) = \hat{a}_0 \oplus \hat{a}_2 \oplus \hat{a}_4 \oplus \hat{a}_{24} = 1$ 

f(0,1,1,0) = a, A a, A a, A a, = 1  $f(1,0,0,0) = \hat{a_0} \oplus a_1 = 1$ f(1,0,0,1) = ao a a, oa, ea, ea, =1 f(1,0,1,0) = a & Da, da a & a a = 1 f (1,0,1,1) = a @ Pa a Pa a Day + a a Day + a ay + f(1,1,0,0) = a, Aa, Aa, Aa, Aa, = e f (1,1,1,0) = a e Da, Da, Da, Da, A an Da, Da, Da, Da, Da, = 1  $f(1,1,1,1) = a_0^2 + a_1^2 + a_2^2 + a_3^2 + a_4^2 + a_{13}^2 + a_{13}^2 + a_{14}^2 + a_{13}^2 + a_{14}^2 + a_{13}^2 + a_{14}^2 + a_{13}^2 + a_{14}^2 +$ O a 123 O a 124 O a 139 O a 234 O a 1234 = 1  $\mathcal{N}_{4} f = (X_{1} \wedge X_{3}) \oplus (X_{2} \vee X_{4})$ - horustore X, X2 3 X4 X, 1X3 X2 V X4 0 0 1

```
010100
           f = X, X3 X4 A X1 X2 X1 X2 X3 X4 - however
1 \times 8 + = ((x_1 x_2) | (x_3 v x_4)) + x_4
1 1
                                 0
```

```
t0000000000000010x
      0000000
         000000000000011
                                                         6 0 0 1 = a1234

9 0 1 1 = a1234

f = X, 1/2 X3 A X, X, X, X, X, X, - NOMMAN.
                  000000000011
                            00000000000
                                  000000011
                                         00000010
                                              0000011
                                                   0000010
     00000011
              t=1x,1x2) 1(x3/x4)
                                                                                                       X3 1 X4 1 1 1 1 1
                                                                    X, 11, 11, 11, 11, 11, 10, 00
                                X010101010101010101
                  X 0011001100110011
        X00001111000001111
X100000000000111111111
                                                                                                                                        1011101110
                                                                                                           0
                                                                                                        1110111
                                                                                                                                          Q
                                                                                                                                       0
                                                                                                                                       0
                                                                      0
```

f = (x, 1 (x, + x3)) + (x, + x1)  $X_1 \wedge (X_2 \checkmark X_3)$ X, 0  $X_1 X_3$ X111 

f=10 xy 0 x3 x40 12 x, 0 x2 x3 x40 x x40 x5 x50 x2 x40 X1 X2 X3 X4  $f = ((X_1 \oplus X_1) \vee (\overline{X_3} \oplus X_4))$ X3 & X4 XI AXZ (x,0x)v(x,0x) 

```
f=10 X, 0 X, X, 0 X, X, 0 X, X, X, Q X, X, 3
      X,0000171
                                   (x,1x,1) 1 (x, 1x, 1)
                                                       1001711110
Ó
   0
1
   0
   0
0
                   0
          1
                                        0
                   0
          0
                                       0
                   0
                                       0
                   0
                   1
     0
                   0
     1
                                       0
                                      0
      0
                                      0
   1
                                                       0
                                      0
          0
      1
                                                       0
                                      0
```

'+ = x3 + x2 + x2 x3 + x3 x4 + x4 + x4 x2 x3 x4 0 0 0 V ( X 1 X y )
X 1 X 3 X 7 1 X, VX3) Xz 1 Xy X3 Xz 

f10111000101000 于二十日X3日X3X4日在X3X4日在X5X4日X54日大多日长多季日 A X1 /2 /4 0 X1 /2 /3 X4  $f = (X_1 \oplus X_2) \land (\overline{X}_3 \oplus X_9)$ Xy X3 X3 O X4 15 OX X300