

Rep. co, ci, co, 2 octeti 1 5679:2=2837 NOA 2837:2=1418 71 1418:2=709 70 709:2=354 71 359:2=177 70 177:2 588 71 88 : 2 = 4 5 70 94 : 2 = 22 No : 2=11 50 22 1: 2=0 21 [X] = [x] = [x] = 0001011600101010 2. 489:2=244711 244 : 2 = 122 50 122 : 2 = 61 70 61 ; 2 = 30 n1 30 : 2 = 15 DO 15: 2 = 7 71 : 2 = 3 51 3: 2=1 21 1: 2=0 11

 $[XJ_0 = [X]_1 = [X]_2 = 0000000111101001$ 

```
29:2= 14 N1
      14:2= 7 70
       7:2:3 カ4
       3:2=1 71
       1:2=071
 =) [X] = 100000 1110110001
    [X] = 111111 0001001110
     [x] = 111111 0001001111
6. -1897
    1897:2 = 998 71
     948:2 -474 no
     979:2 =237 70
     237:2=11811
     118:2= 59 ло
59:2=29 л1
      29: 2 = 1 5 n1
15: 2 = 7 no
7: 2 = 3 n1
         : 2 = 1 n 1
: 2 = 0 n 1
  =>[X] = 1 0000111 01 101 001
    [x], > 11111 00010010110
    [X] = 111110010010111
```

$$7 - 0.45 = 0.046100$$
 $0.45 \cdot 2 = 0.30$ 
 $0.90 \cdot 2 = 1.80$ 
 $0.80 \cdot 2 = 1.60$ 
 $0.60 \cdot 2 = 0.40$ 
 $0.60 \cdot 2 = 0.40$ 
 $0.40 \cdot 2 = 0.40$ 
 $0.40 \cdot 2 = 0.80$ 
[X]<sub>0</sub> = 101100 1100 1100 110
[X]<sub>1</sub> = 1100011001100110
[X]<sub>1</sub> = 11000110 1100111

8 -9/16 => 9/16=0.10011

8 -9/16 => 9/16=0.10011

1 : 2 = 2.00
2 : 2 = 1.00
1 : 2 = 0.01
1 | 10 = 2°

[X]<sub>0</sub> = 11001000 0000 0000

[X]<sub>1</sub> = 10110 111 1111
[X]<sub>2</sub> = 10110 111 1111
[X]<sub>2</sub> = 10111000 0000 0000

Adaugati in CC pe 1 octet Semmalizati cazurile de dipession 19 +26 9 19:2=9 л1 9:2=4 11 => 10011 (2) 6:2=2 NO z: 2 = 1 70 1:2=0 71 26:2=13 DO 13:2-6 11 => 1101012) 6:2=3 70 3: 2 = 1 71 1: 2 = 0 71 10011+ 11010 00101101 Nu 10 0,81+0,73 0,81.2=1,62 0,62.2=1,24 0,24 . 2 =0,48 0,48.2=0,96 0 96 . 2 = 1, 92 = 70,81 = 04100111 11 1 1 1 1 01100111 + 0 92. 2 = 1 84 0,84.2 = 1,68 01011101 11000106 Diresion 073.2=1,66 0,46.2=0,92 0,92.2=1,84 0,84 .2 = 1,68 => 0,73 = 01011101  $0,68 \cdot 2 = 1,36$ 0,36 . 5 = 0, 75 0,72.2=1,94

```
95+-85
11
    99:2= 47 70
    97:2=23 n1
    23:2=11 71
    11 : 2 = 5 21 21 39(10) = 01011110(2)
     5 : z = 2 71
     2:2=1 50
      1:2=0 74
    85:2= 42 71
    42: Z= Z1 70
    21:2 = 10 71
    10:2-5 70 =785(40) =01010101 =7-85(40) =10101011(2)
     5 2 = 2 71
     2:2=1 10
     1:2=0 71
     1 411 41
     01011110 t
     10101011
     00001001<sub>(2)</sub>, Nu
    0/51 + -0,76
12.
    0,02 · 2 = 0,04
    0,09.2 = 0,08
    0,08-2 = 0,16 =70,51 (10) = 0100 0001
    0,16.2 = 0,32
    0,32.2 = 0,64
    0,64 · 2 = 1,28
    0,76 -2= 1,52
    0,52 . 2 = 1,09
    0,09.5 = 0,08
    0,08.2 = 0,16 = 0,76 = 01100001 = 1 - 0,76= 10011111
    0,16.2 = 0,32
    0,32.2 = 0,64
```

```
0,64 · 2 = 1,28
     1 1 1 1 1
    01000001+
    10 0 1 1 1 11
    11100000 Nu
13.
    -46 + 63
     96:2=23 ND
     23:2=11 71
     11:2 = 5 71
                  => 46 = 00101110=>-46=11010010
     5:2=2 71
     2:2=1 50
      1: 2 = 0 71
     63:2=3171
     31:2=15 11
     15:2:7 71
      7:2=3 71 => 63 = 00141111
      3: 2: 1 11
      1:2=0 14
    11111
    11010010 1
    00 11111
    0 0 0 1 0 0 0 A NU
14. -0,88 + 0,53
    0,88.2=1.76
    0,76.2 =1,52
    052.2=109
                   => 0,88= 01110000=>-0,88= 1001000
    0 04 . 2 = 0 08
    0,08-2 = 0,16
    0,16.2 = 0,32
    0,32-2=0,64
```

```
19
      -8057,48
      8097:2=9098 11
      9048:2=2024 70
       7024; 2 = 1012 >0
      1012:22506 00
        506:2 - 253 JO
        253:2=126 71
                             =78057 = 11111110100001
        126:2=63 70
         63:2 = 31 51
          31:2 = 1521
          15:2 = 7 71
          9:22371
          3:2=1 11
           1: 2 = 0 7 1
      D, 58. 2 = 096
      0,96. Z = 1,32

0,92. 2 = 1,84

0,84. 2 = 1,68

0,68. 2 = 1,36

0,36. 2 = 0,72
                          => 0, 48 = 011110
      -8057, 48 = 11101000010111110
20
      -12,03
      12:2=6 70
        6:2=370
                     =7 12=1100
       3:2=4 51
        1:2:0 51
      0,03.2=0,06
      6,06 - 2 = 0,12
```

```
0,12.2=029
                    c) 0,03 = 00 0 0 0 1
     0,24-2=0,48
     0,98.2=0,96
     0,96 - 2 = 1,92
    1000001100000001
21 Rep virgule mobile, co, mantisce subunitarà
    59 41,36
    5941:2=2970014
    2970:2=148570
    14 85: 2 = 7 92 11
    742 : 2= 371 70
    371: 2=185 51
     185 · 2 = 92 71
52 : 2 = 4620
                      => 1011100110101
     66: Z = 23×6
     23: 2 = 11 -1
      11:2=5 71
      5: 2 = 2 7 1
      2: 2=170
      1:25071
    0 36.2 = 0,72
    0,72.2=1,44
    0,38.2=1,76
     76.2=1,52
                     = 70,36 = 01011100001
    0',52 · 2 =1,09
      104.5=003
     0,08.7 = 0,16
    0,16 · 2 = 032
```

0,64 · 2 = 1,28

$$E = 13$$
 $C = 127 + 13 = 160$ 
 $160 : 2 = 70 \text{ no}$ 
 $90 : 2 = 35 \text{ no}$ 
 $35 : 2 = 17 \text{ no}$ 
 $17 : 2 = 8 \text{ no}$ 
 $9 : 2 = 6 \text{ no}$ 
 $17 : 2 = 8 \text$ 

1,111110