Delyi Lhtipie

Gentrit Krasmigni 181944739

1. Të gjendet t ashtugi varya i shifrare të shërlegj n' 15BN ked: 03215-735-1-t.

$$10 \cdot 0 + 9 \cdot 3 + 8 \cdot 2 + 7 \cdot 1 + 6 \cdot 5 + 5 \cdot 7 + 4 \cdot 3 + 3 \cdot 6 + 2 \cdot 1 + 1 \cdot t = 0 \pmod{M}$$

$$27 + 16 + 7 + 30 + 35 + 12 + 15 + 2 + t = 0 \pmod{M}$$

$$199+t = 1+t \pmod{10}$$

$$10+1=11=3+=10$$

2. 11384-137-2-t t=? ISBN hool

10.1+9.1+8.3+7.8+6.4+5.1+4.3+3.7+2-2+1.t=0 (mod 11) 10 + 9 + 24 + 56 + 24 + 5 + 12 + 21 + 4 + t = 0 (mod 11)

3. |SBN| kod 98994-562-3-t t=? $10.9+9.8+8.9+7.9+6.4+5.5+4.6+3.2+2.3+1.t=0 \pmod{n}$

 $90 + 81 + 81 + 63 + + 24 + 25 + 24 + 6 + 6 + 4 = 0 \pmod{n}$

 $600 + t = 0 \pmod{11}$ $400 = 6 \pmod{11}$ $t = t \pmod{11}$ $600 + t = 6 + t \pmod{11}$

t = 7

978-1118-87-169-X13

n = 10 - (9 + 3.7 + 8 + 3.1 + 1 + 3.1 + 8 + 3.8 + 7 + 3.1 + 6 + 3.4) mod 10 n = 10 - (9 + 21 + 8 + 3 + 1 + 3 + 8 + 24 + 7 + 3 + 6 + 12) mod 10 n = 10 - 105 mod 10

2 = 10 - 5 = 5 = 7 2 < 10 $x_{13} = t = 5$ 150N: 978 - 1118 - 87 - 164 - 5

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5. ISBN: 978-0672-33-808-X13
                                € = ?
n= 10 - (9 + 3.7 + 8 + 3.0 + 6 +37 + 2 + 3.3 + 3 + 3 + 8 + 0 +3.8) mod 10
N=10- (9+21+8+0+6+21+2+9+3+24+0+24) mod 10
1=10 - 123 med 10
n = 10 - 3 = 7  n < 10  X_{13} = t = 37
6. ISBN: 978-3642-36-579-x73 t=10?
1= 10- (9+3-7+8+3.3+6+3.4+2+3.3+6+3.5+7+3.4) mod 10
n=10-19+21+8+9+6+12+2+9+6+15+7+27) mod 10
 1=10-131 mod 10
 n = 10 = 1 = 9  n < 10  y_{13} = t = 9
     1 S BN: 979-3642-36-579-9
7. Ti provolet shipa e shemar me postit shërbeni n'ISBN hod:
16172-949-4-2
10.1+9.6+8.1+7.7+6.2+5.9+4.4+3.9+2-4+1.t= 0 (mod 11)
   10+54+8+49+12+45+16+27+8+t = 0 (mod 11)
           229+ € = 0 (mod 11)
           229 = 9 ( med 11)
              t = t ( mod 11)
            224 tt = 9+ t (mod 11)
                     t=2
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8. Spari shifte duhet the yearding no read to shifteness x gi to sherly in U(P) had

a) $\frac{t}{0} - \frac{t}{28} \frac{t}{000} \frac{t}{000} - \frac{t}{466} \frac{t}{631} - \frac{t}{2} \frac{1}{2} \frac{1$

 $57 + 11 + t = 0 \pmod{10}$ $68 + t = 0 \pmod{10}$ $68 = 8 \pmod{10}$ $68 + t = 8 + t \pmod{10}$ $68 + t = 8 + t \pmod{10}$ $\boxed{t = 2}$

6) to -49 000 - 037 03-x ====6

3. (0+9+0+0+7+3)+(4+0+0+3+0)+E=Qmod 10)

3. $(19) + 7 + t \equiv 0 \pmod{10}$ $57 + 7 + t \equiv 0 \pmod{10}$ $64 + t \equiv 0 \pmod{10}$ $64 = 4 \pmod{10}$ $t \equiv t \pmod{10}$ $64 + t \equiv 4 + t \pmod{10}$ $64 + t \equiv 4 + t \pmod{10}$ $64 + t \equiv 6$

()
$$\dot{0} - 4\dot{p} + \dot{g} + \dot{g$$

$$105 = 5 \pmod{10}$$

 $t = t \pmod{10}$
 $105 + t = 5 + t \pmod{10} t = 5$

$$M = \begin{bmatrix} 100111 \\ 100111 \\ 1110011 \end{bmatrix}$$

$$3 \times 5$$

$$E = \begin{bmatrix} 101110 \\ 10011 \\ 116000 \end{bmatrix}$$

101110 100111 111001 110000 10 20 hod 000101 1 101 010/11/01 0/001/10

$$M = \begin{bmatrix} 000101 \\ 101010 \\ 001110 \end{bmatrix}$$

$$Kodin$$

$$\begin{bmatrix} 0001010 \\ 101010 \\ 001110 \end{bmatrix}$$

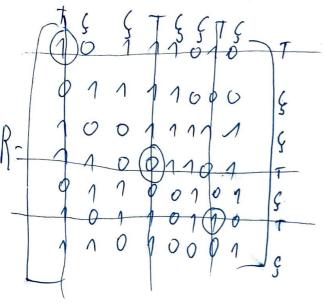
$$(x)$$

$$(x)$$

$$(x)$$

$$(x)$$

0001610101010111101000001110101010



$$C = \begin{bmatrix} 0 & 0 & 1 & 1 & 1 & 0 & 1 & 0 \\ 0 & 1 & 1 & 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & 1 & 1 & 1 \\ 1 & 1 & 0 & 1 & 1 & 1 & 0 & 1 \\ 0 & 1 & 1 & 0 & 1 & 0 & 0 & 1 \\ 1 & 1 & 0 & 1 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

R: 1000111 111111 1110001 1000110001

$$C: \begin{bmatrix} 1 & 0 & 0 & 0 & 1 & 1 & 1 \\ 1 & 1 & 0 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 0 & 0 & 0 & 1 \\ 1 & 0 & 0 & 1 & 1 & 1 & 0 \\ \hline 0 & 0 & 1 & 0 & 1 & 1 & 1 \end{bmatrix}$$