

Ejencicio:
M=UNODOSSIX
56 49 50 39 50 54 54 44 59
C=) Vc, Y 350V
ek (56 49 50) = (70 57 12)
ek(39 50 54) = (34 60 3)
ek(5+4+59) = (5059)
70 57 12 /56 49 59
34 60 3 = 39 50 54 XK
5 5 57 [54 44 59]
\-1
56 49 59 3204 4602 4503
39 50 54 = 9004 9405 6606 mod too
54 44 59 / 2707 3708 5409
1 2 3
K= 4 5 6
7 8 9/



Maraleo Victor m = tamaño de · El atacante tiene como mínimo .m distintos pares de [texto plano-cifrado] X)= (X1, , X2, J, ... Xm, J) Ys=(91,0, 92,0,..., 92,0) para 1/1/1/m tal que 9 = e (Xi),1(j(m · Definires 2 riatrices mxm lanx X (Xi,i) y Y = (41,0), entarces nosotros teneros la ecuación Y = XK dande K es la llave Lo Enton ces K= Y. X-1



Mohales Victor

A B C O E F G H I J K L M N O

P Q R J T U V W X Y Z

IS 16 17 18 19 20 21 22 23 29 25

FR 10 AY

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$$\begin{pmatrix}
70 & 5 & 7 & 12 \\
34 & 60 & 3 \\
5 & 0 & 5 & 7
\end{pmatrix} = \begin{pmatrix}
56 & 49 & 50 \\
39 & 50 & 59 \\
94 & 94 & 59
\end{pmatrix}$$

$$K = \begin{pmatrix}
6 & 7 & 1 & 74 \\
85 & 76 & 94 \\
4 & 58 & 97
\end{pmatrix} \begin{pmatrix}
70 & 5 & 7 & 12 \\
34 & 60 & 3 \\
5 & 0 & 5 & 7
\end{pmatrix}$$

$$K = \begin{pmatrix}
6 & 7 & 1 & 74 \\
85 & 76 & 94 \\
4 & 58 & 97
\end{pmatrix} \begin{pmatrix}
70 & 5 & 7 & 12 \\
34 & 60 & 3 \\
5 & 0 & 5 & 7
\end{pmatrix}$$

$$X = \begin{pmatrix}
3264 & 4662 & 4503 \\
93004 & 9495 & 6606 \\
270 & 3 & 708 & 5409
\end{pmatrix} \mod 106$$

$$K = \begin{pmatrix}
4 & 2 & 3 \\
7 & 8 & 9
\end{pmatrix}$$