General Hill 3x3 C-TAKK THBEZ Tamaño blogu=3 Une phyras - Llave valida?

K = (P e) = (B & 10)

(15 | 4 | 15) $|K| = \begin{pmatrix} 16 & 4 & 11 \\ 8 & 6 & 10 \\ 15 & 14 & 15 \end{pmatrix} = \begin{pmatrix} 16 \times 6 \times 15 \\ 16 \times 14 \end{pmatrix} + \begin{pmatrix} 16 \times 18 \times 16 \\ 16 \times 19 \times 19 \end{pmatrix} + \begin{pmatrix} 11 \times 8 \times 19 \\ 16 \times 19 \times 19 \end{pmatrix} + \begin{pmatrix} 11 \times 8 \times 19 \\ 11 \times 19 \times 19 \end{pmatrix} = 1112 - 6442$ => -2750 mod 27 = -23 mod 27 = 4 mod 27 = 41 27= 4(6)+3 27= 4(6)+3 4= 3(1)+11 MeD(4,271=1) 3= 1(3)+0 = Llaw valida, gcd Cdd (K), N=11 Buscando KT

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B-449 - 2750 mod 27 1-4-301 1=4-23+4(5) 2750 mad 97 = 23 mod 27 27 = 23(1) +4 . 4 = 27-23(1) 1= 9(6) - 23+ 1-(27-3)(6)-73 23=4(5)+3 3=33-4(5) 4=3(1)+1 1=4-30) 1= 27(6) -7(23) 11 = ax tby 3 = 3 (1) +0 = 32 - 1 00 => 25 mod 27 = 201 1=27(-7)+27(6) a mad b= X Compobaria 23-20 mod 27-1 23 mod 27 = -7 mod 27 = -144 mod 27 = 14 nod 27 = 13 b= 13. 20 mod 27 = 260 mod 27 = 17 b= 17y C) -3-1375 mod 27= 24- Brod 27= 312 mod 27=15 -3 mod 27 = 24 1 1= 27-20131 1 = 2613) 127 (1) -3.55 mod 27 2 mal 2 = -13 mal 2 55 mod 27= 1 mod 27 =1 2 mod 27 14 -3 mod 27 = 24 Comprobation 24-1 mod 27= 24 2- 14 mal 27 = 1 d=24/ c) -3-110 mod 27 = 24 110 mod 27 27-2(13)+9 110' mid 27 = 2" mad 27 = 141 2=1021+0

-3 mal 27= 24 24-14 mod 27 = 336 mod 27 = 12 1) 4-55'mod 27= 4-1 rod 27=4 91-31 1375 mal 27 = 23-13 mod 27= 249 mal 27= 2 -31 mod 27 = -4 mod 27 = 23 mod 27 h) 172-1375 mod 2+= 14-13 mod 27 = 182 mod 27 = 20 122 mad 27=14 1) -32 1375 mod 27 = 22.13 mod 27 = 186 mod 27= 16 -32 mod 27 = -5 mod 27 = 22 17 15 7 e= 18+4-24 + 26-2 - 166 F= 17+ 4-12+26-20=585 0 10 9= 15+ 16 + 26 +6= 447 • 1380 540 4601 mod 27 1324 170 362 (166 585 447 Q= 20-181 0+20 -38 0 d=10-18+5.24+12 2 =324 B= 20.17 + 0 + 200 = 540 C= 10: 17 + 5. 12/11 20 -470 C= LD-15+0+ 160=460 d= 10.15+ 5-411-16=362