





(5) Domostron & son Wiscemente equivelentes 1) x= (a > 76 Vc) > d; P= (7d > 61a) 1 (cod) PAPA 110 0 10000 Si, son logicemente equivelentes 2) x = a v75 > 7(c>a); p= 7(6vc) > a 1 P Q X | R 0

No son légramente equivalentes

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X= ((15 >0) V 75 > a Ad) > (1a V 76516 >0)
          B: (Ta A das c) a (Tocas a Vd)
                                                                  3344444444444444
           2 formules son equivalentes, la formule obtendo
           X &> B es tartologic
       · Le tautologic puede extibuse como Ø = X+>B (cons logres
                                                        del vacio
       · Cutonces, por los teorenes de deducción p neganon:
         ØF X COB;
        9 + (2 -p) 1(B-),
        days & ABDa;
        1d, 78417 > x,
        1 x, 7B, BY F x;
                                Así pre vemos a poner en
        dx, 78, B, 7x 4 + Ø
                                forme classico x, 7x, P, 7B
      DX=7(((15-) V 76) - (01 1)) V ((70 V76 V7d) - ()
         =7(7 ( (7570) V76) V (910) V (7(70076076) VC))
         =7(7( +(75) VC) V75) V (and) ) V (anbnd) VC)
        = (TT(5VC) 15) 17(and)) V((anb) VC)
        = ((640) A (70 V 7d)) V ((ave) A (6Ve) A (2 Ve))
Q=(EVQ) AQ
PV(PA)=P= (6 A (79V7d)) V (Cave) A Cove) A Cove))
        =((6 V a VC) 1 (6 V 6 V C) 1 (6 V d VC))1
          (Gavadyave) 1 (20 vid V 6 v c) 1 (24 V 26 V a V c))
        = (bvave) A (bvc) A (bvdvc) A (Tavc) A (TaVTdVbVO) A
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> TX = 7 (bvave) A (bve) A (bv d ve) A (tdve) A (tave) A (tave)
  = + (BVQVC) V7(6VC) V7(6VdVc) V7(1dVC) V7(1eV1dV6VC)U7(1avg)
  V(200 P) N (30 VPLV94) N (36 VPC) N (36 VPC) C
   (and Ans And) v (and)
 = (7617c) V (217c) V (217c)
 = (G6 V2) 1 (H6 V70) 1 (TC V2) 1 (TC V20) V (a 170)
 = ((45 V d) 1 (40)) V (a 1 70)
 = (76 Vd Va) 1 (75 Vd VE) 1 (70 VA) 1 (70 VTC)
  = (75 Vd Va) 1 (7c)
B = (70 10 + 0) -> (70 65 a Vd)
 = 7 ((1a nd) VC) V ((1c >(a vd)) N ((avd) >10))
 = (17(101d) 17c) V ((c V a Vd) N((101d) V7c)
 = (TONDATE) V (COVAVE) A (TOVTO) A (TOVTO)
 = [ (74Nd N 70) V (CVQVd)] A
  [ (79 Nd N 70) V (79 V70)] 1
 [(TO NO NTC) V (TOVIC)]
 = [ (x v c vavd) 1 ( dveva vd) 1 ( xcye vavd) 1
  [ (7KV 70 V70) N ( d V70 V70) N (26V70 V70)] N
  [ (70 V7d V 7c) 1 (2 V 2 d V7c) 1 (70 V 7d V7c) ]
   (avd) A (avave) A (avd)
   (10 40) A (dV 70V7C) A (10 V 7C) A
   (na Vnd Vnc) A (nc) A (nd Vnc)
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DIB= 7 ((eve) A (cveva) A (ava)]A
[(10 V10) A (2 V 70 V (2 V 70)] A
[(10 V10) A (2 V 70 V (2 V 70)] A
[(10 V10) A (10 A A A) V (10 A A)] V
[(10 A) V (10 A A) A) V (10 A)]
[(10 V10) A (10 V
                                                                                                                                        [(70 V70) 1 (dv 70 V70) 1 (70 V70)] 1
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la lista de clausules obtenido de a, Ta, B, TB es: (bvave), (bve), (bvave), (ndve), (ravidvbve), (ra ve), Repetitors (76 V d va), (70), (evd), (evavd), (e vd), (70 V 10), (d V 70 V 70), (70 V 70), (70 V 70), (70), (70), (70 V 70), (70), (7dve)4 1:70 1(6va), (5), (5va), (71), (20 vad v6), (70), (15 v dva), (d), (a vd), (70)7 1= 78 1 (5 va), (5), (70), (76), [, (a) ) λ= 5 ] (a) , [], (a) 4 1 x = a 30,0,04 1=1 \$ -> el cito es satisfacible, así are No es tout. y por touto, No es l'épicamente equivalente